

FIG. 1

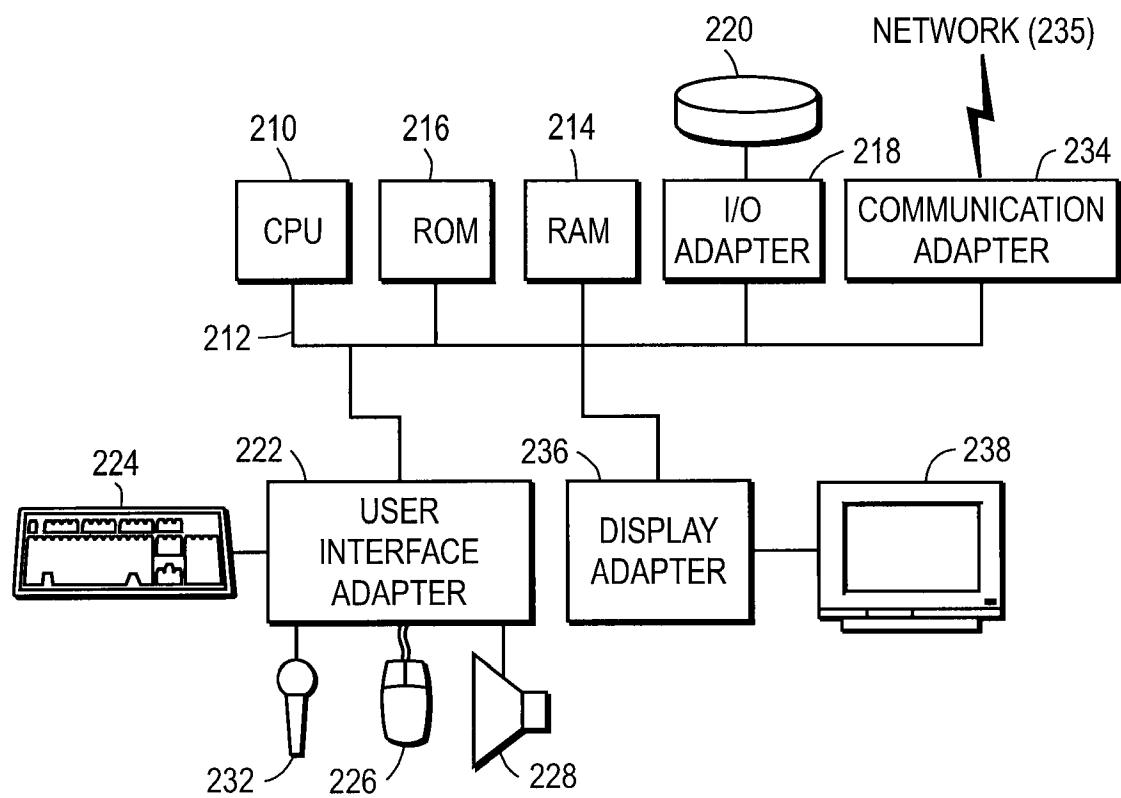
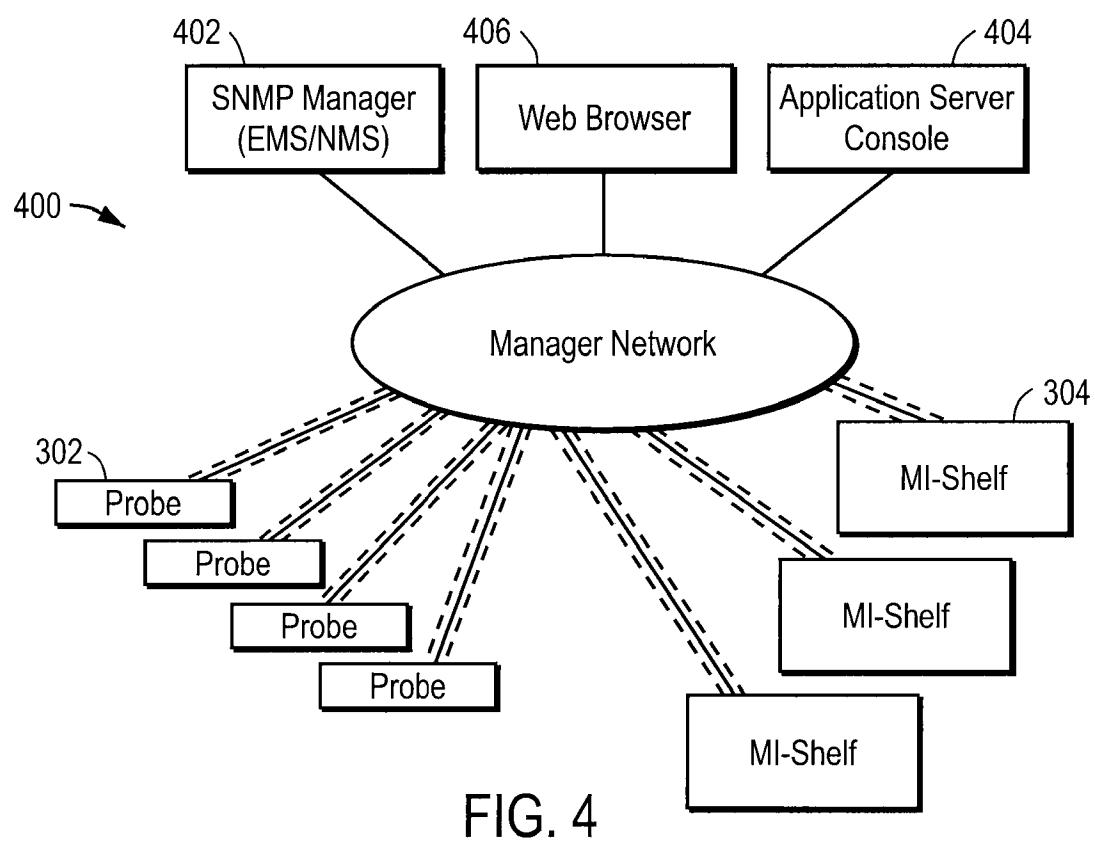
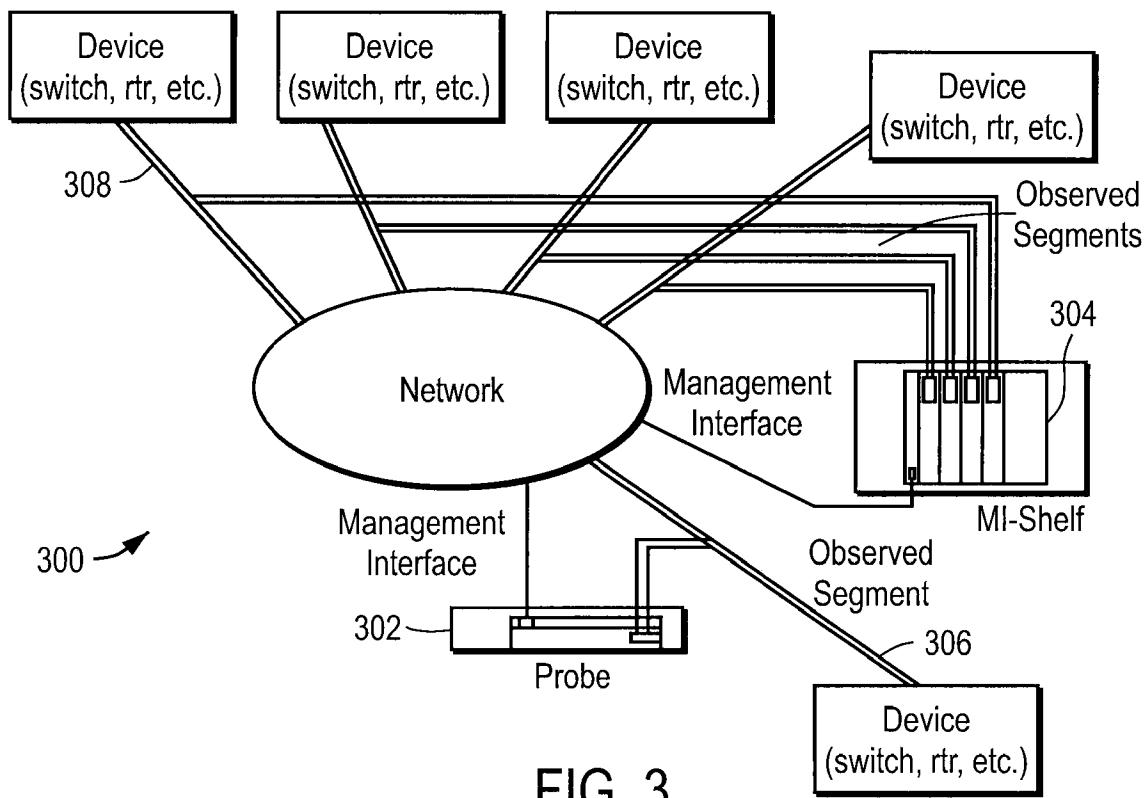


FIG. 2



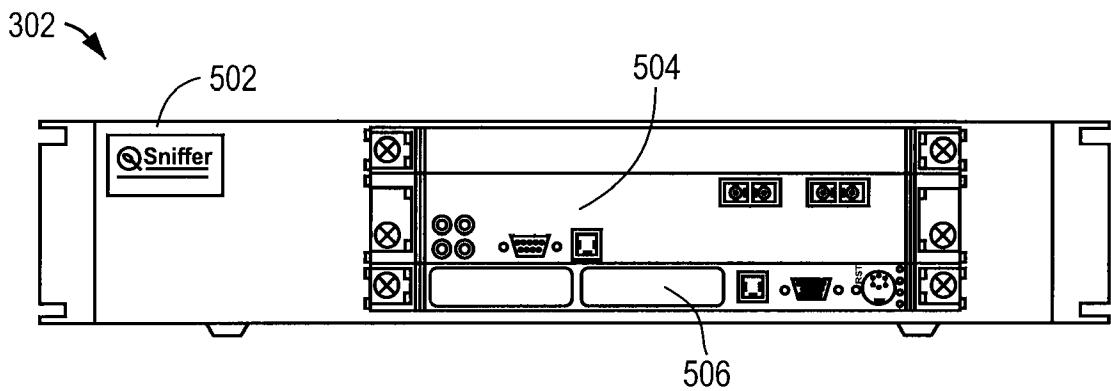


FIG. 5

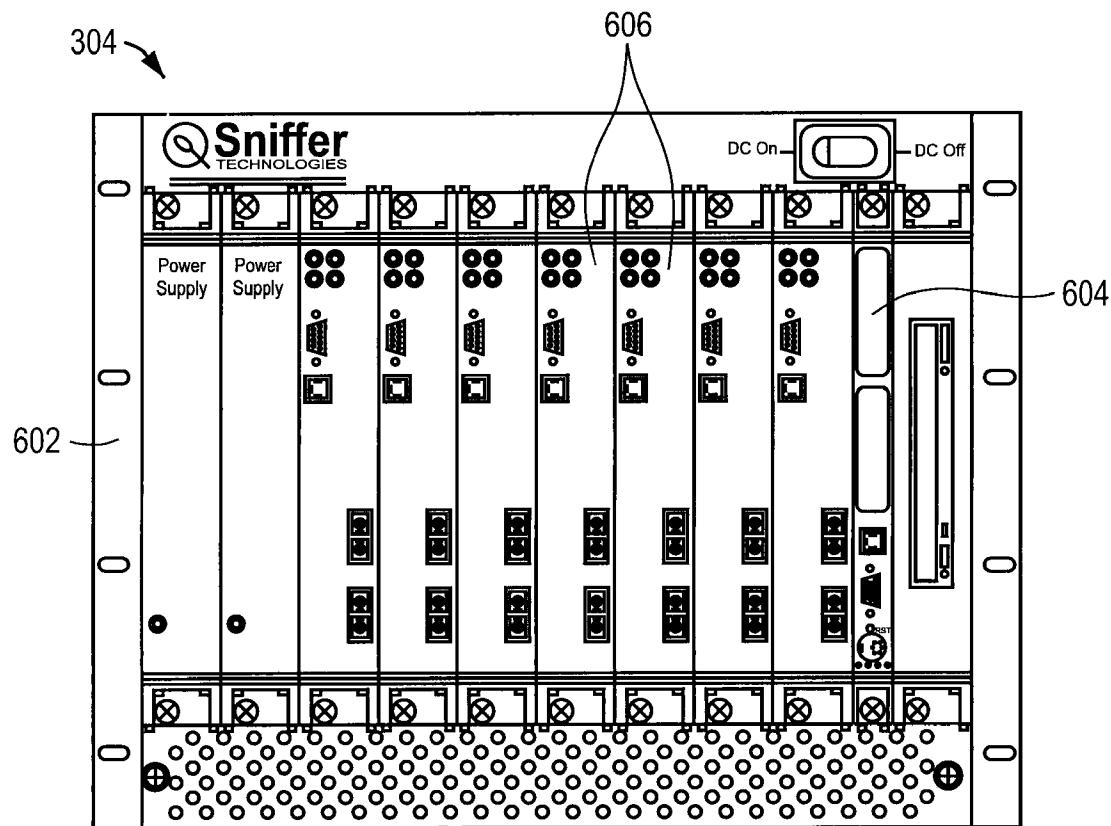


FIG. 6

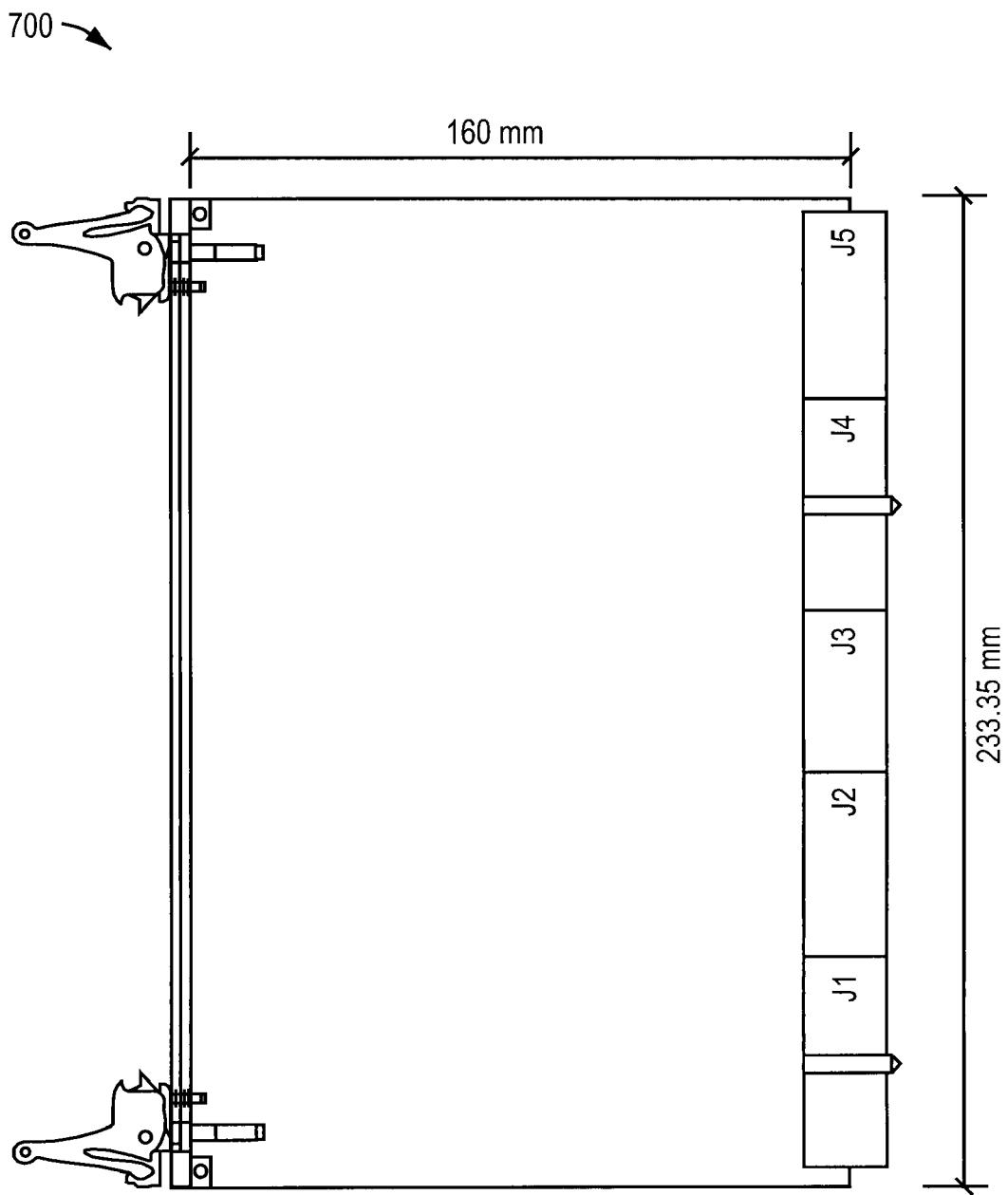


FIG. 7

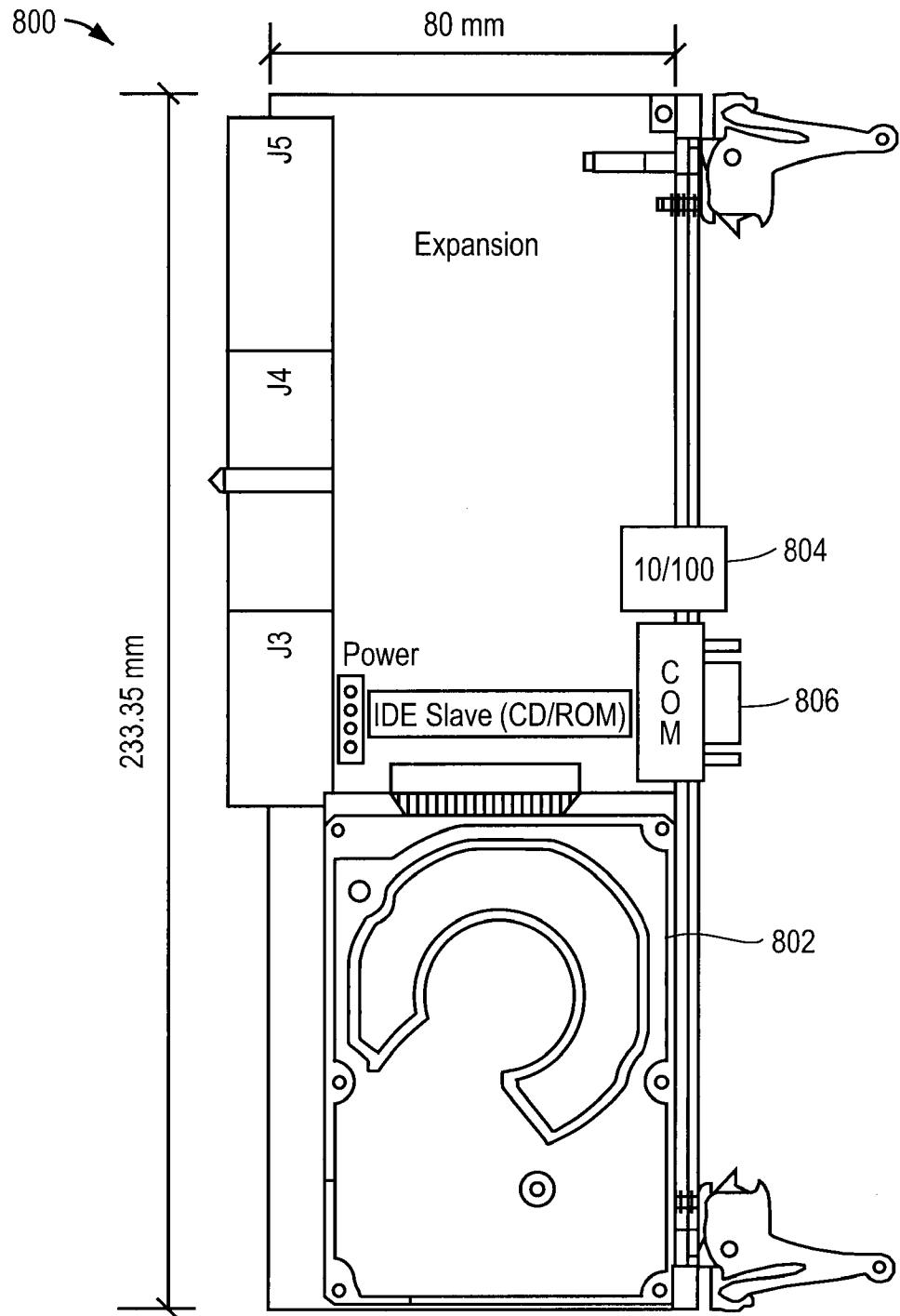


FIG. 8

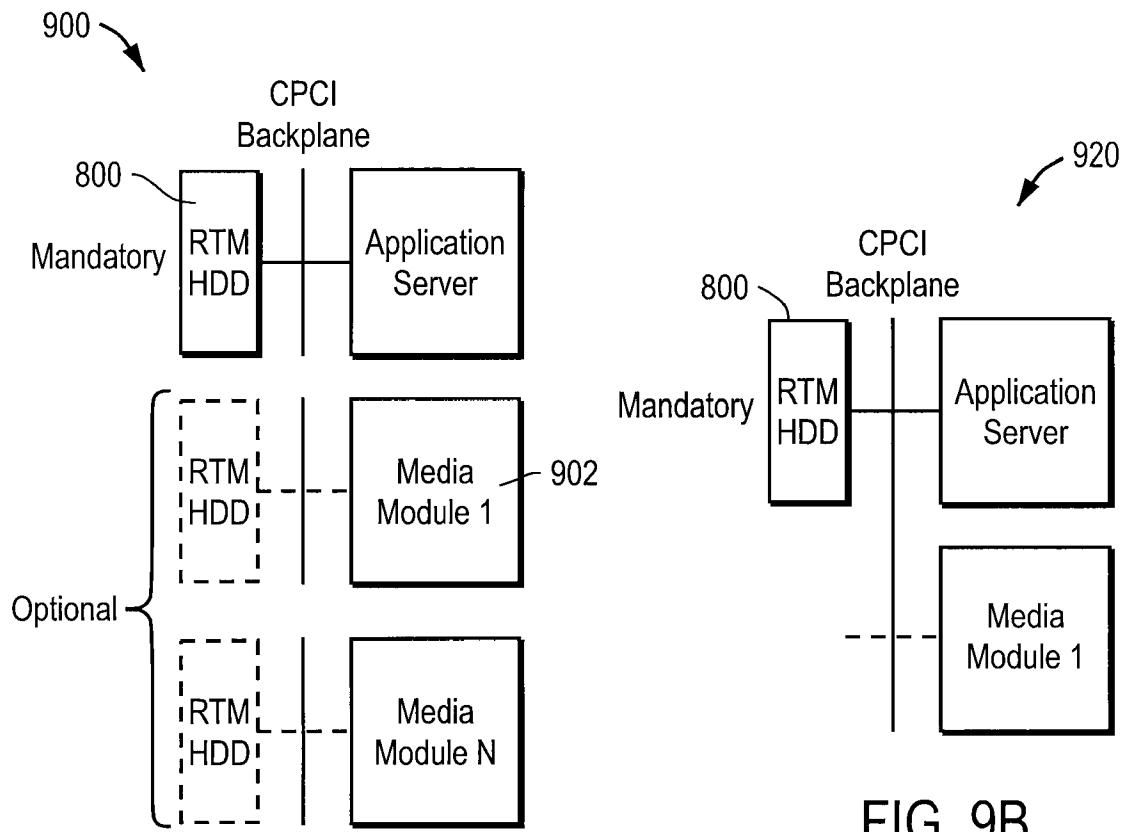


FIG. 9B

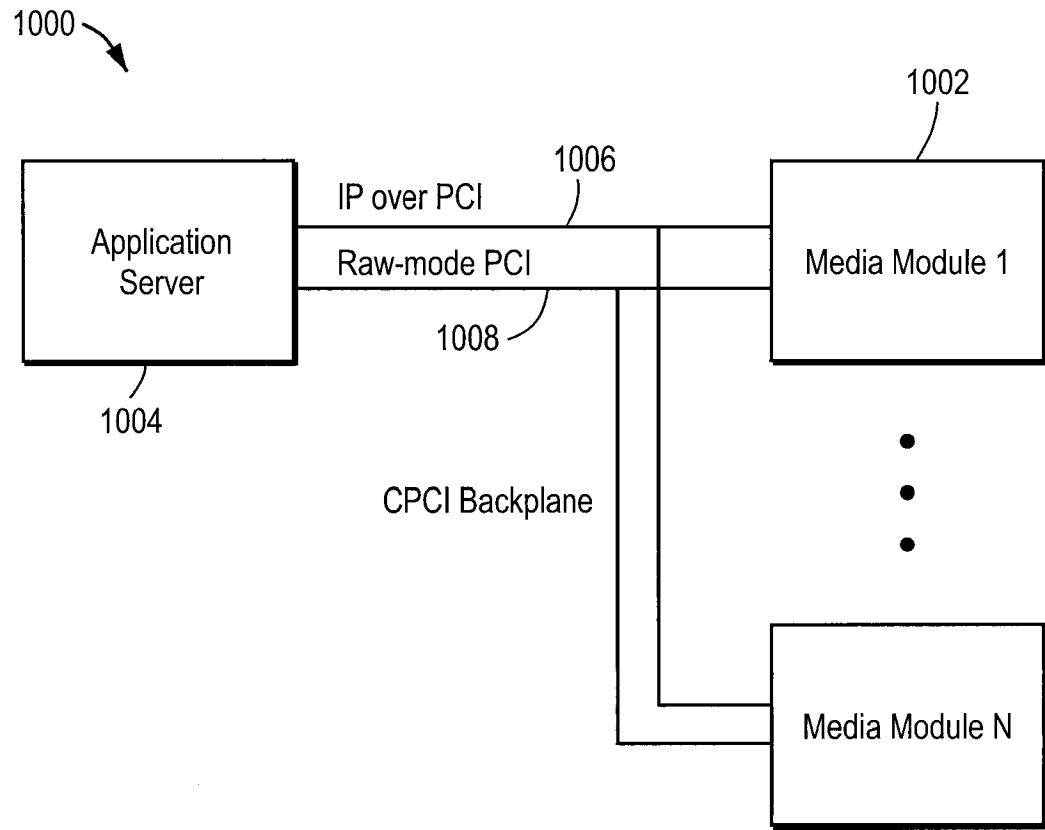


FIG. 10

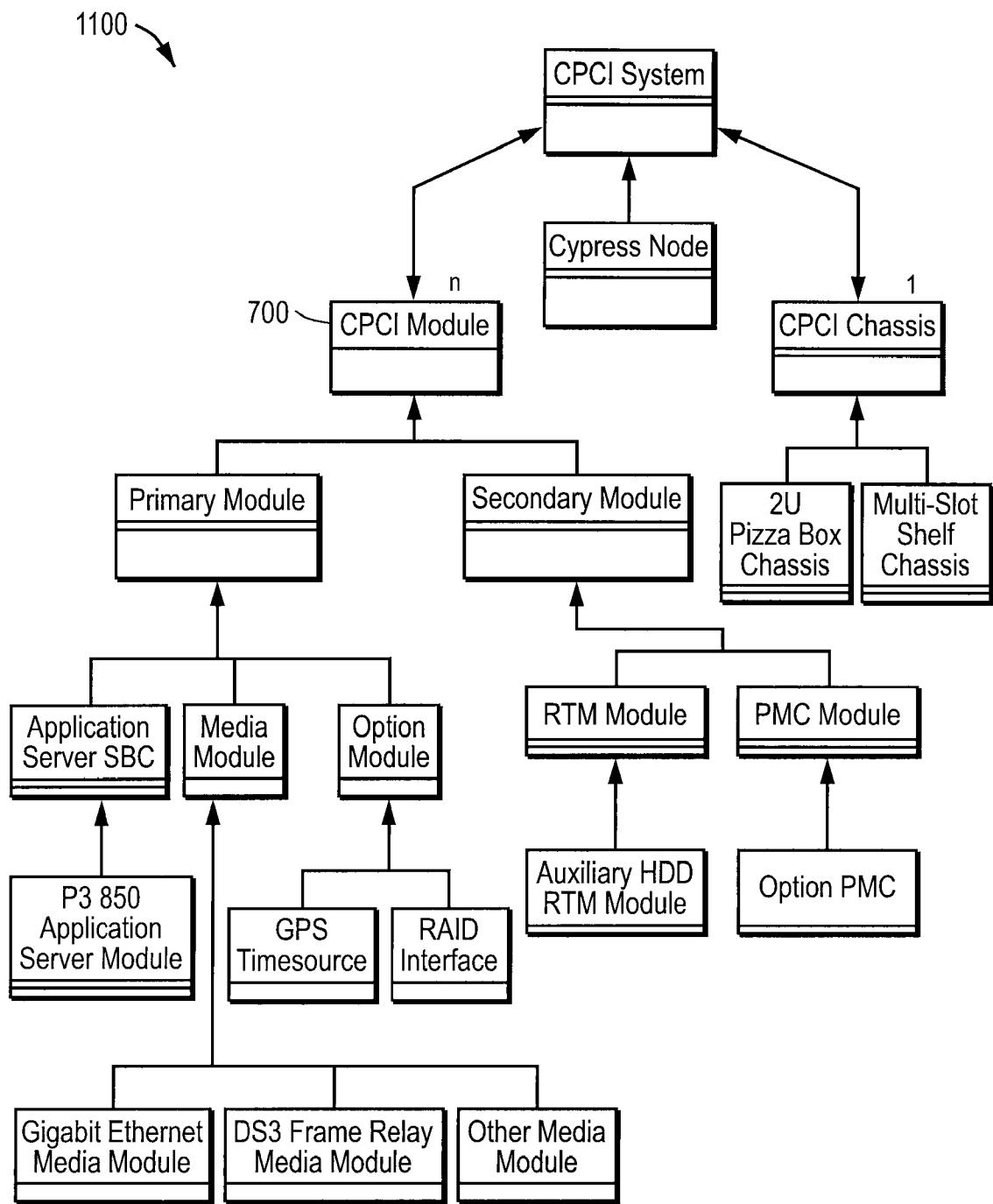


FIG. 11

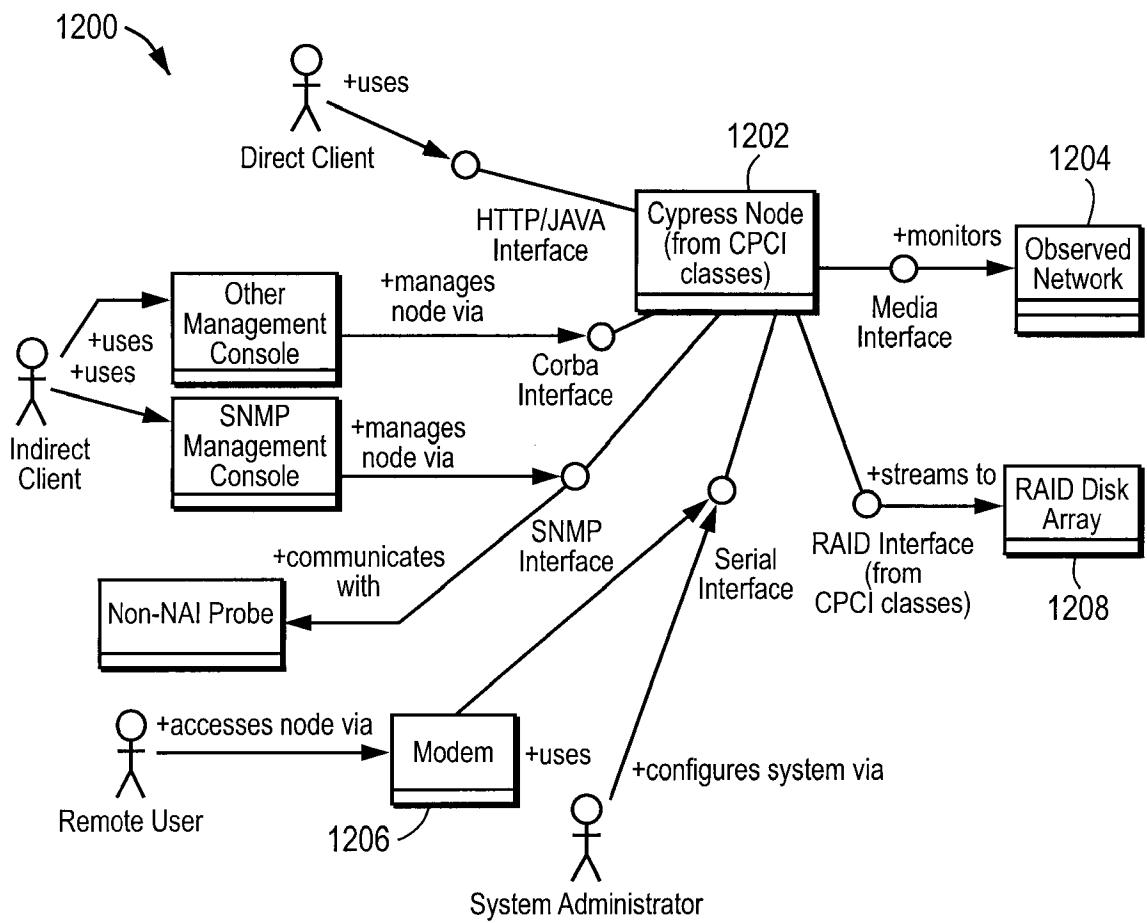


FIG. 12

1300 ↘

User Class	Operations Allowed
Network Administrators	System turn-up & configuration, add users, etc.
Business Users (CIO)	View reports, trends, accounting info, etc.
Security Managers	Access users e-mail, web activity, policies, etc.
Network Planners	Access to capacity, trend, load & distribution info.
Network Managers	General access to all but security related
Network Technicians	Access to diagnostics, alarms, trace files, etc.

FIG. 13

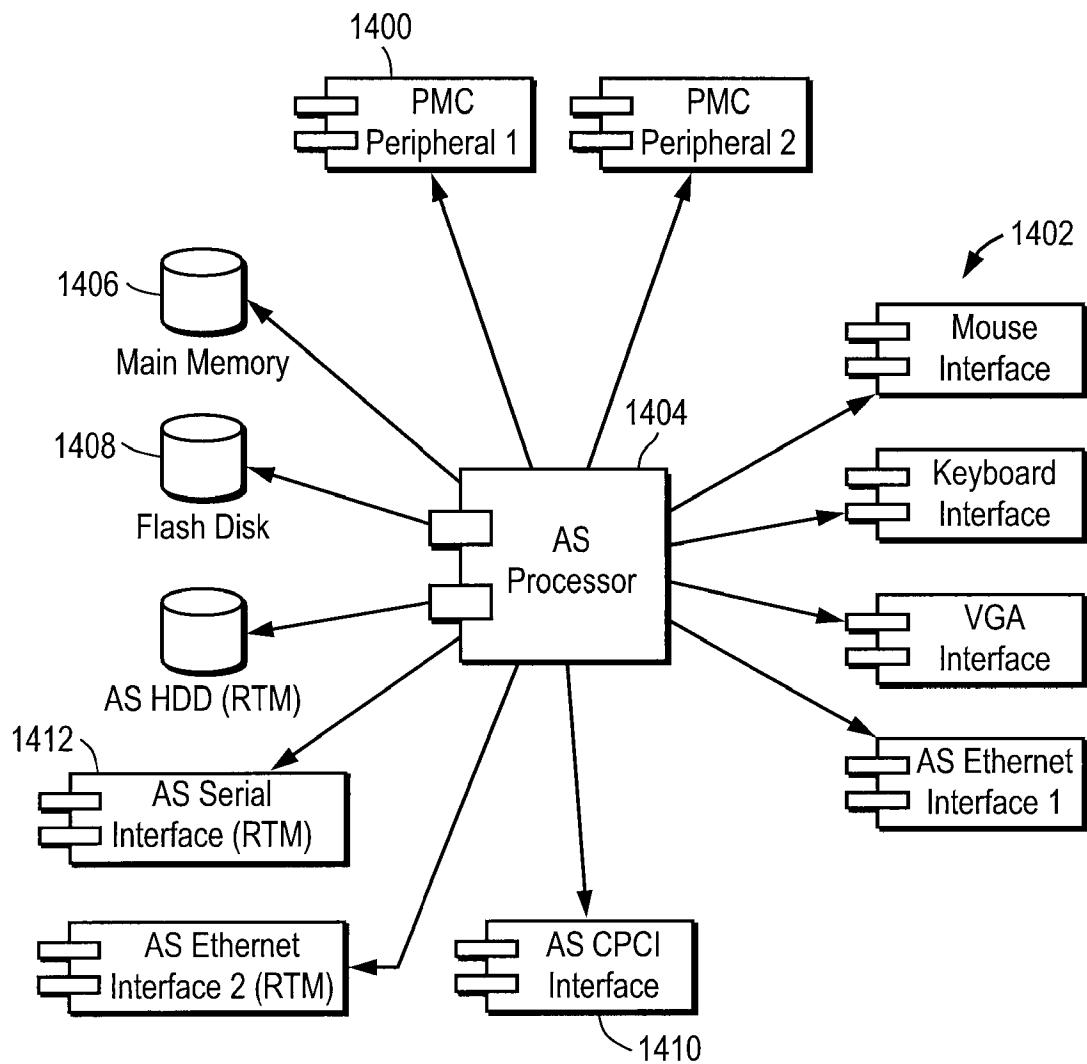


FIG. 14

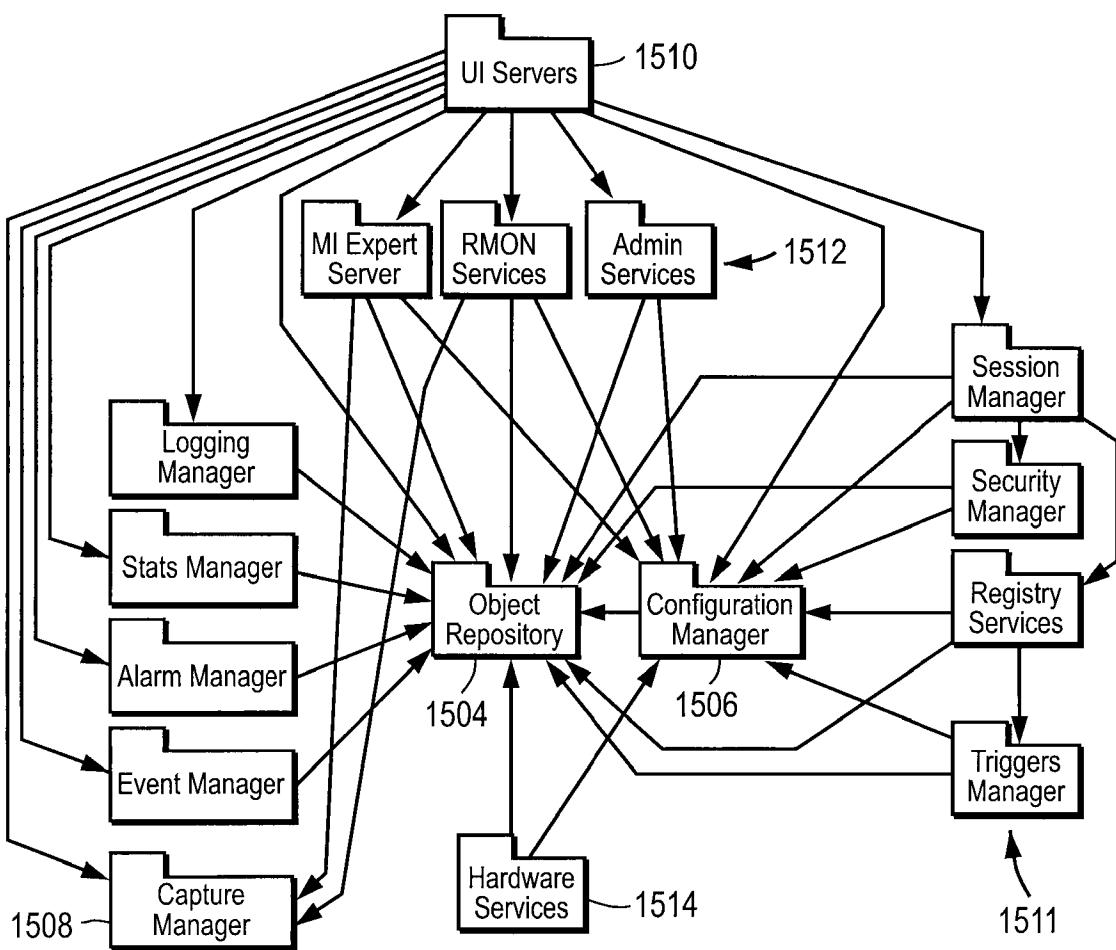


FIG. 15

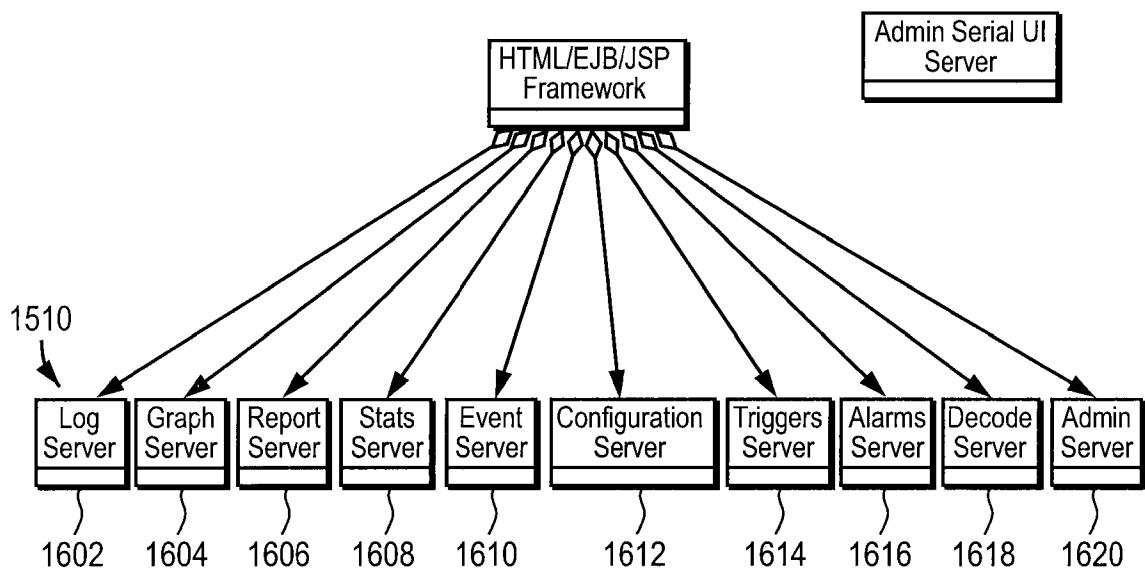


FIG. 16

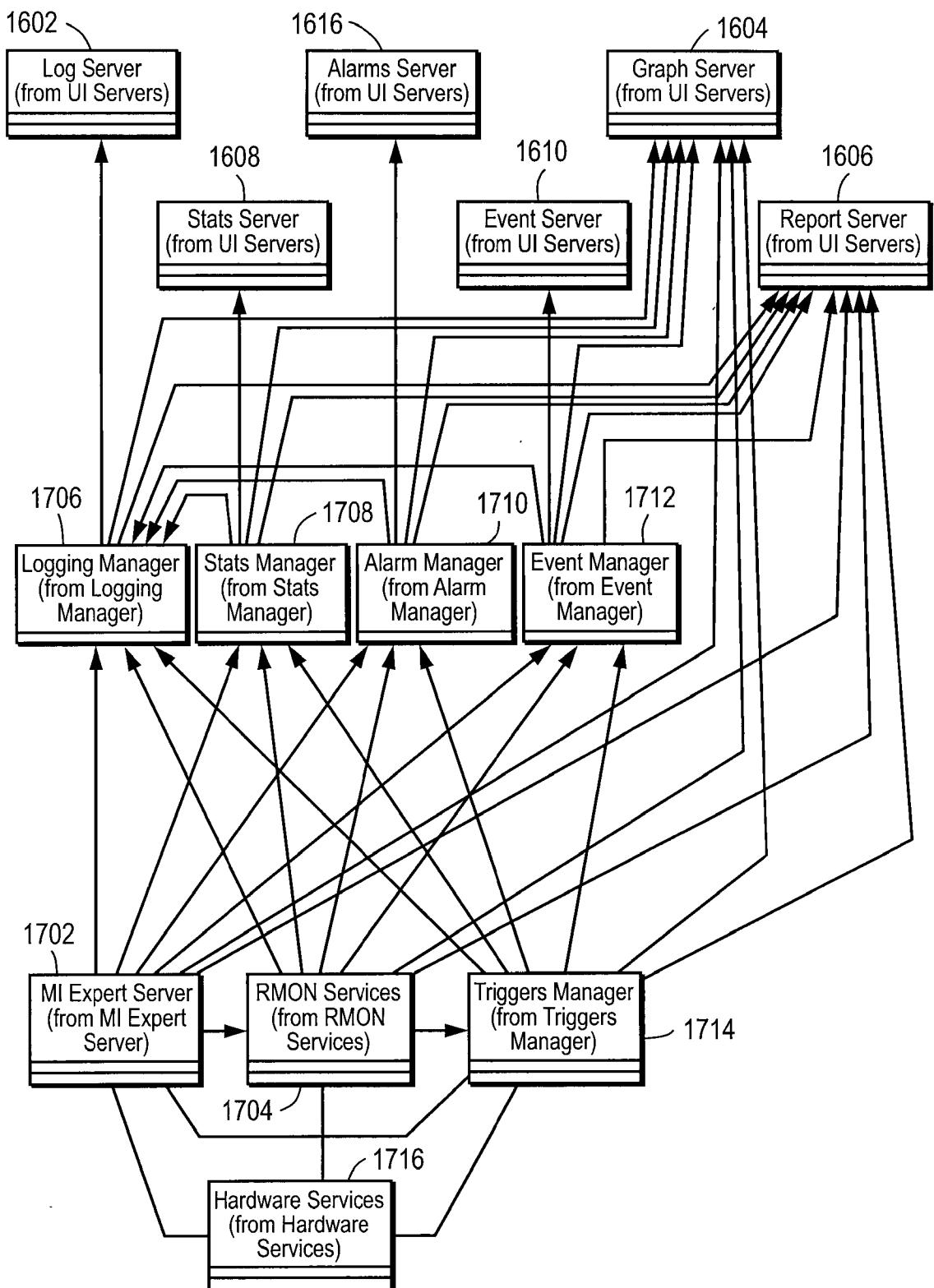


FIG. 17

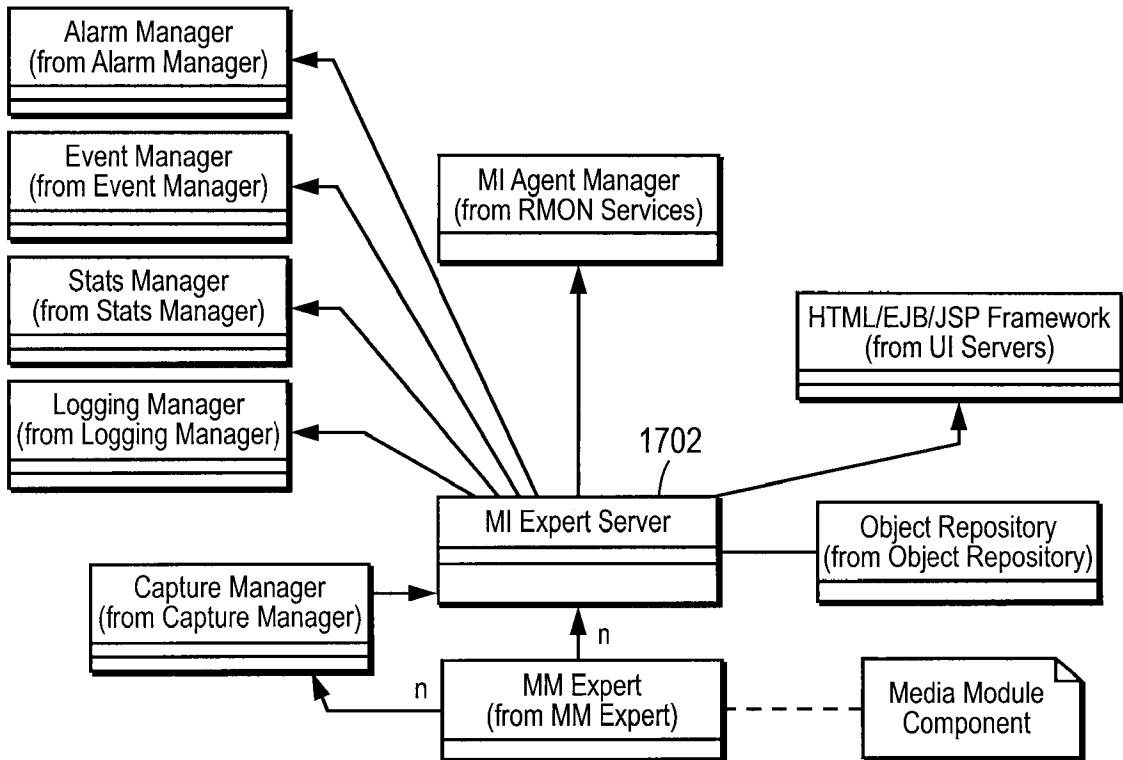


FIG. 18

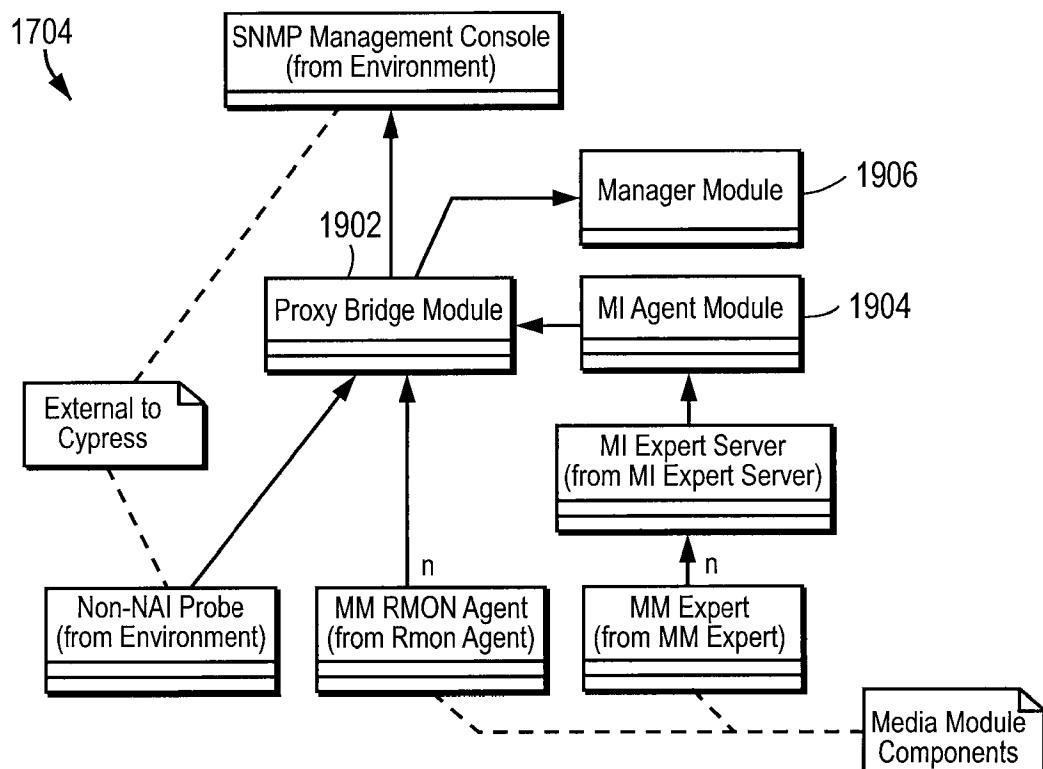


FIG. 19

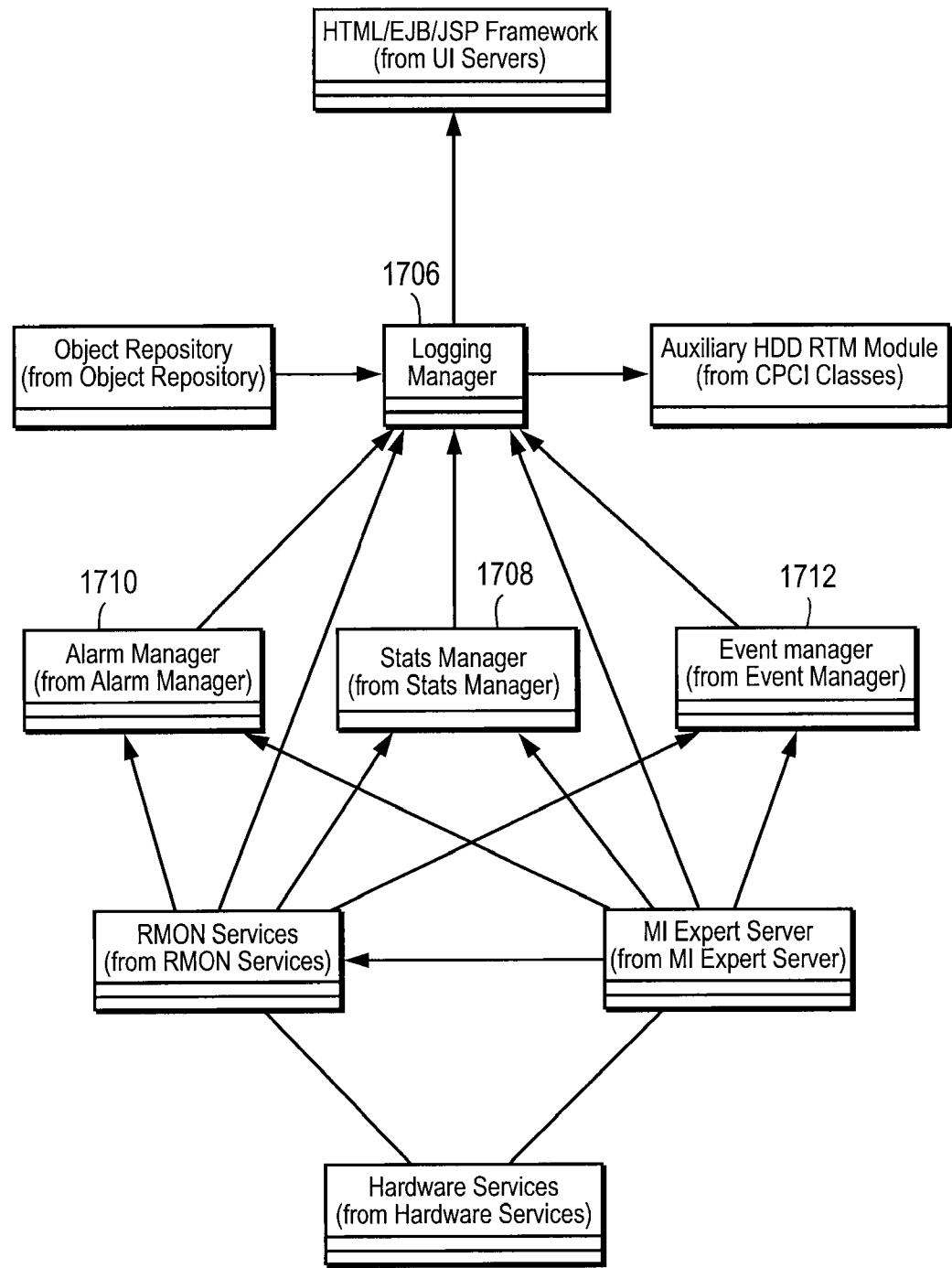


FIG. 20

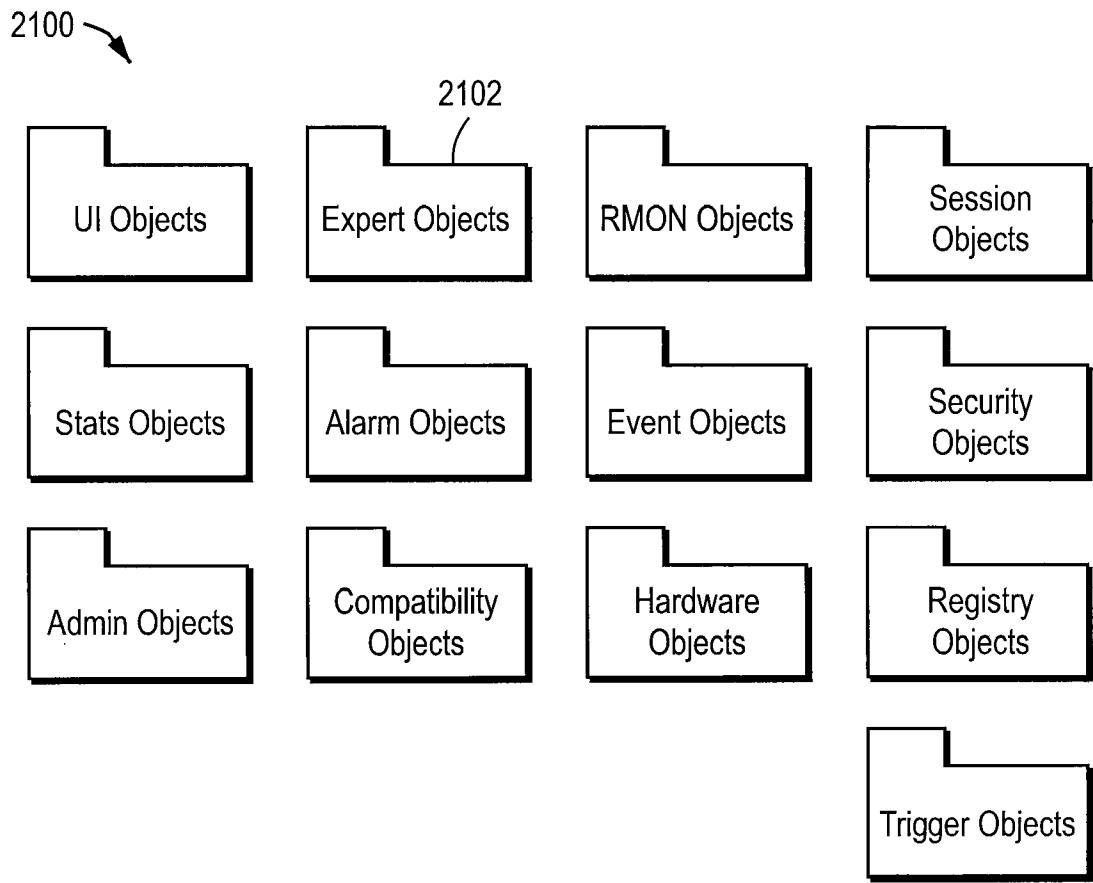


FIG. 21

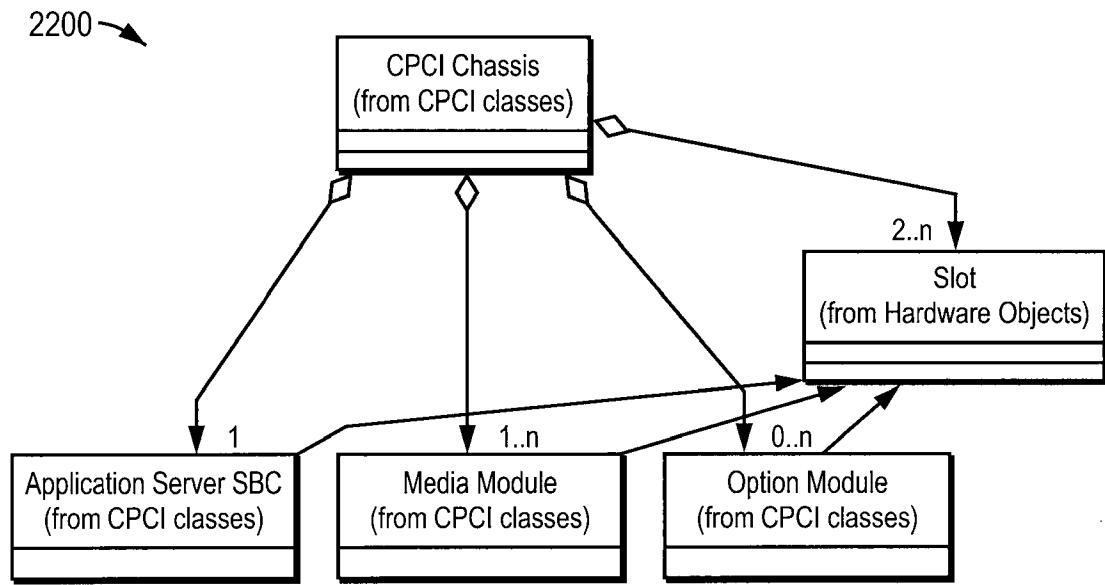


FIG. 22A

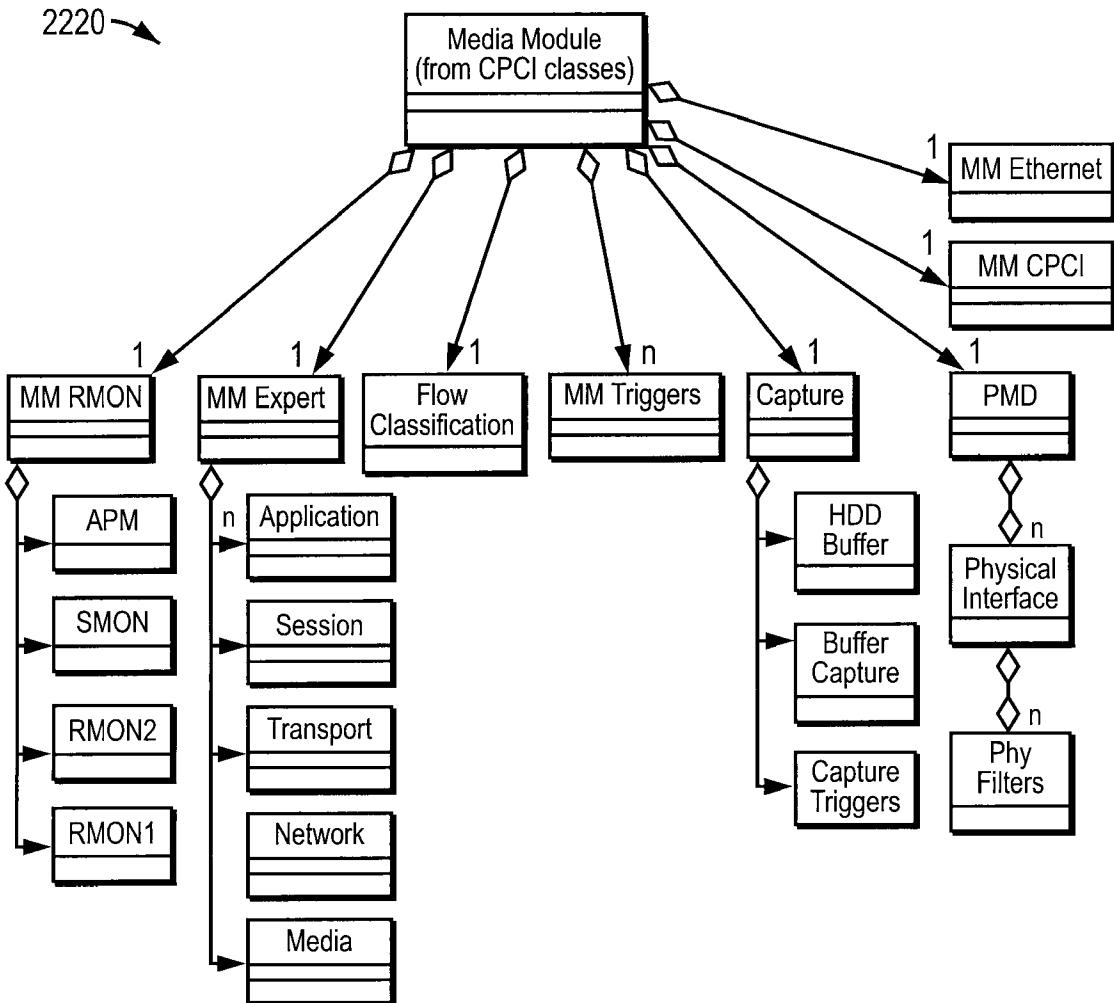


FIG. 22B

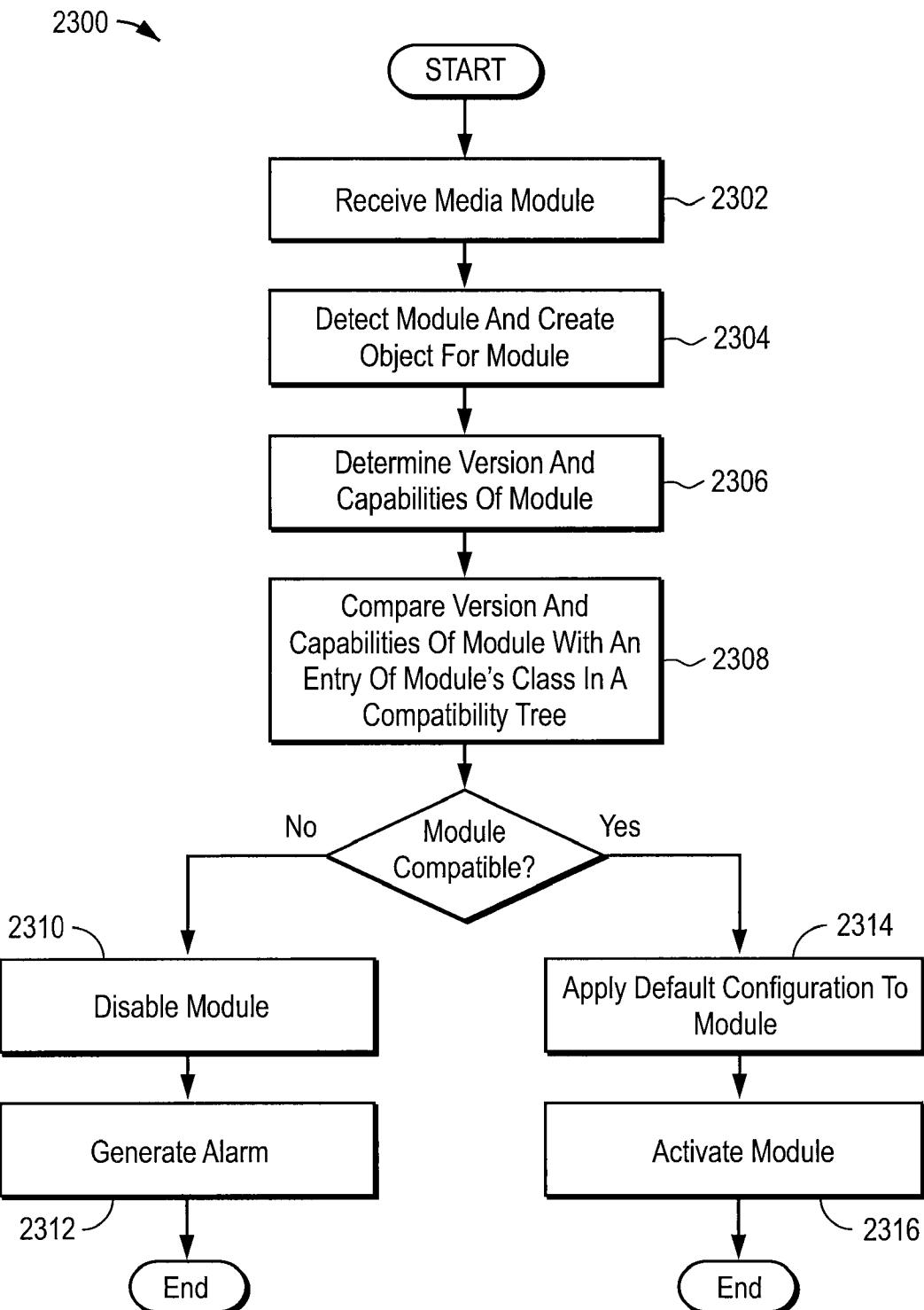


FIG. 23

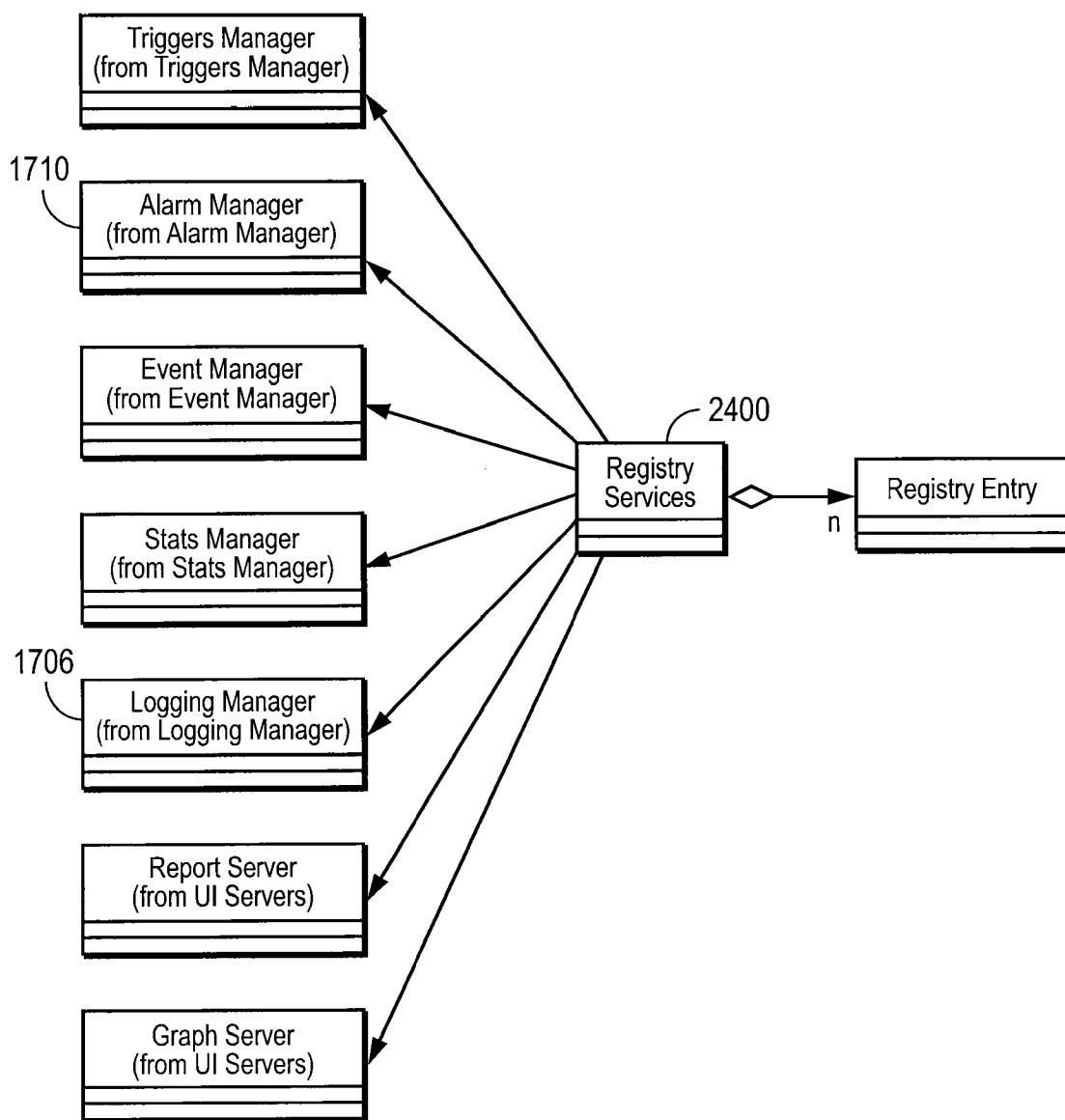
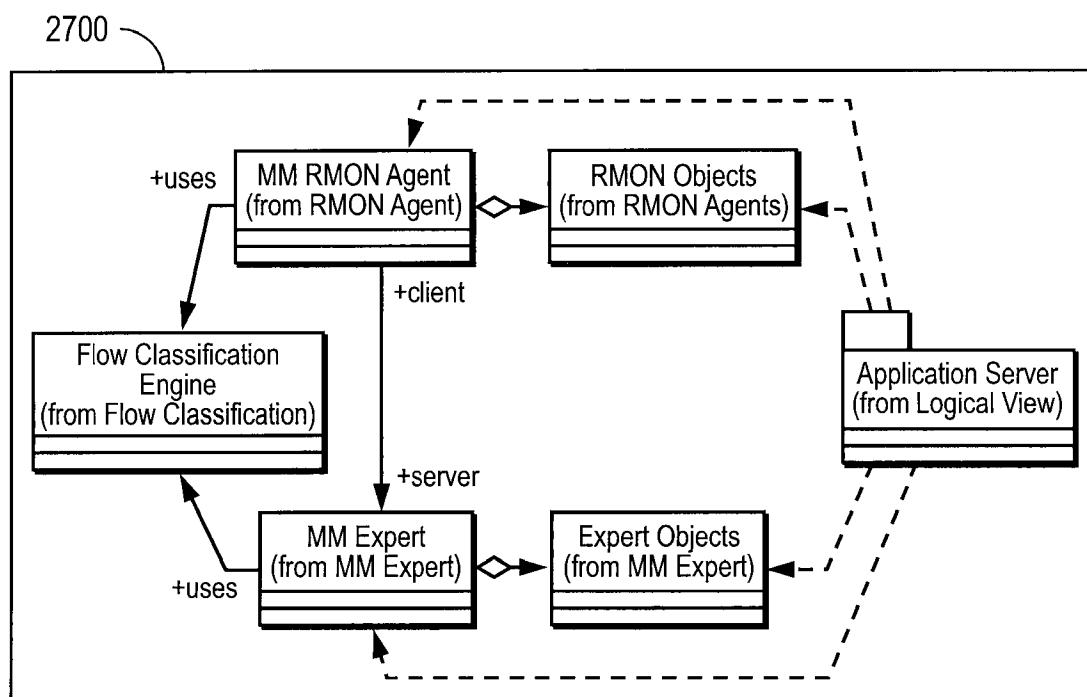
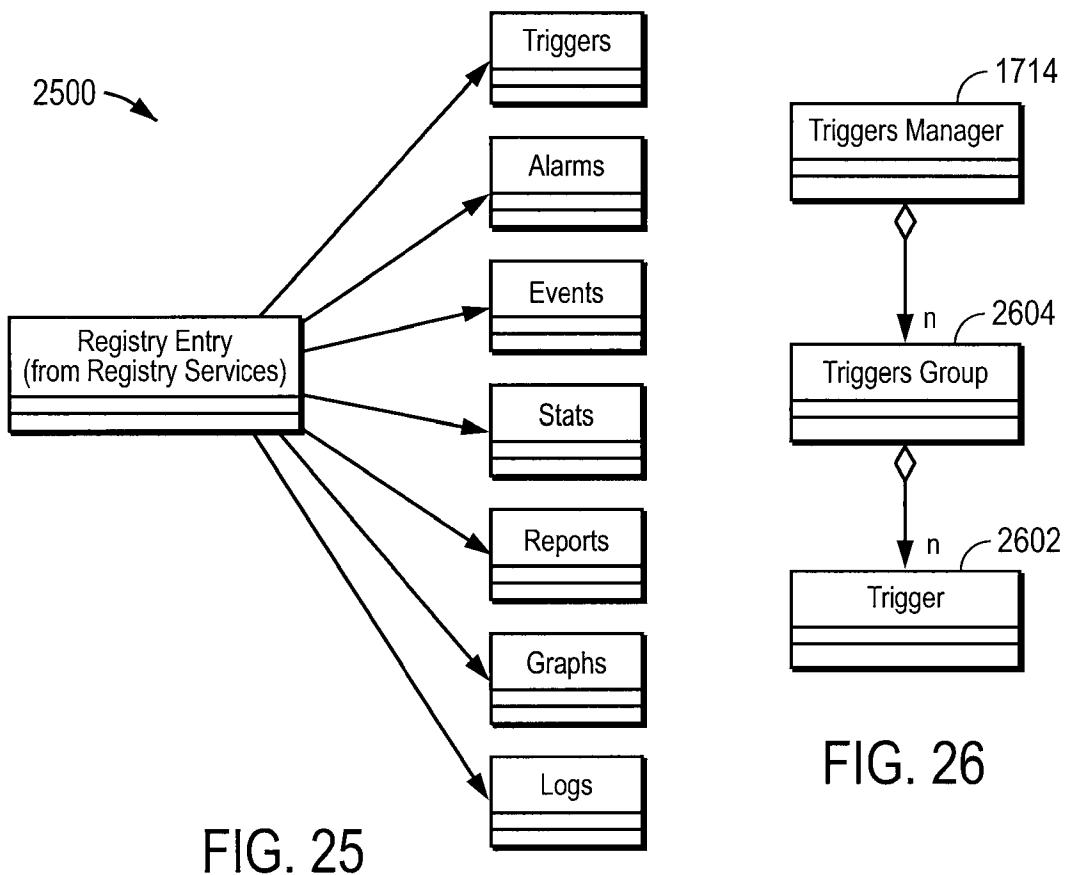


FIG. 24



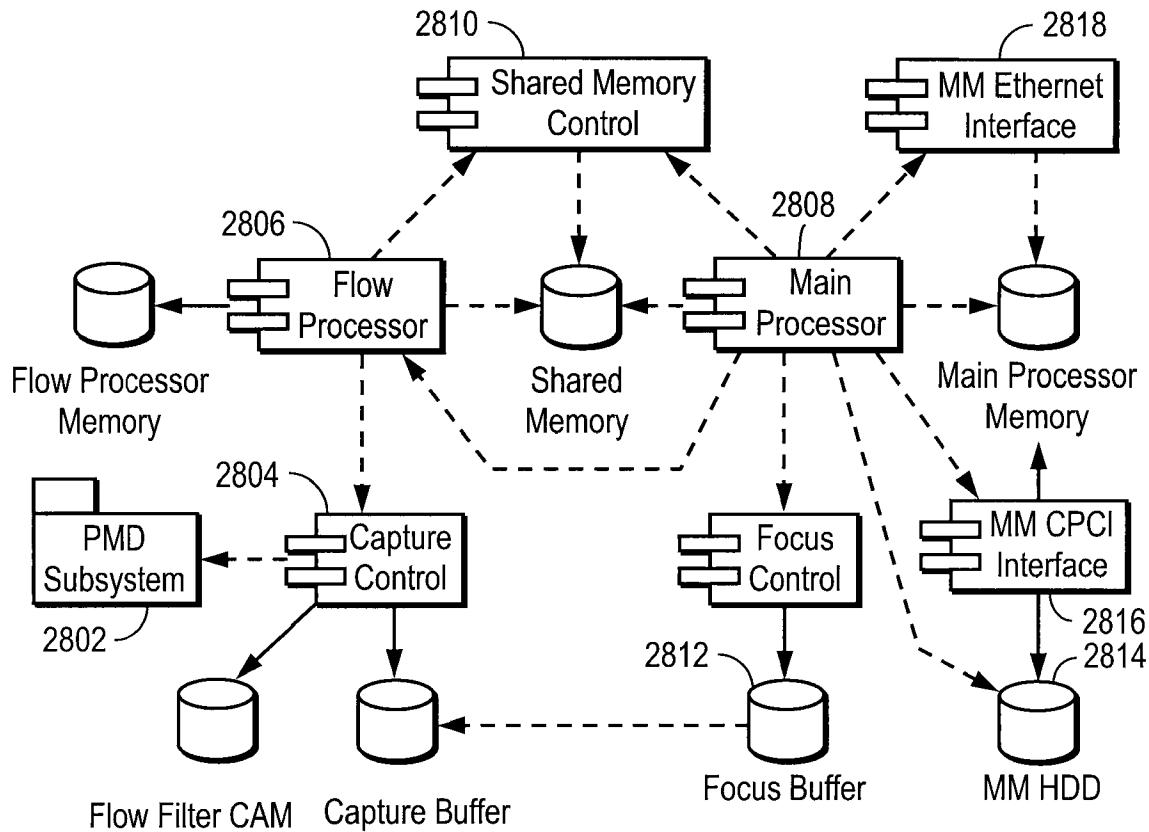


FIG. 28

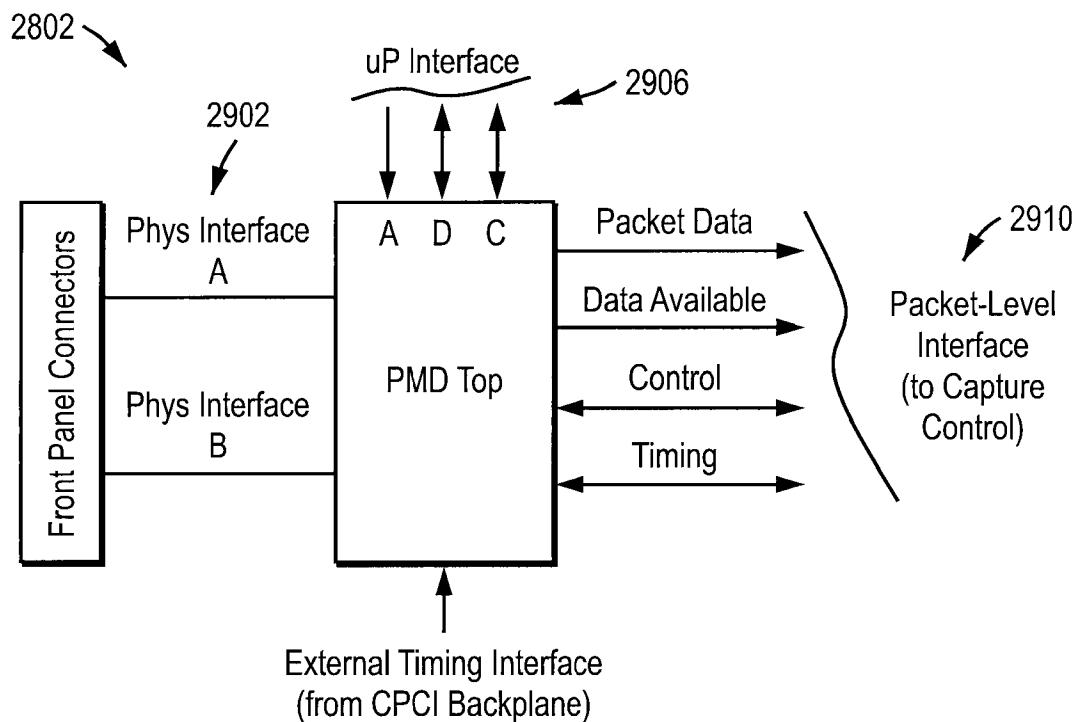


FIG. 29

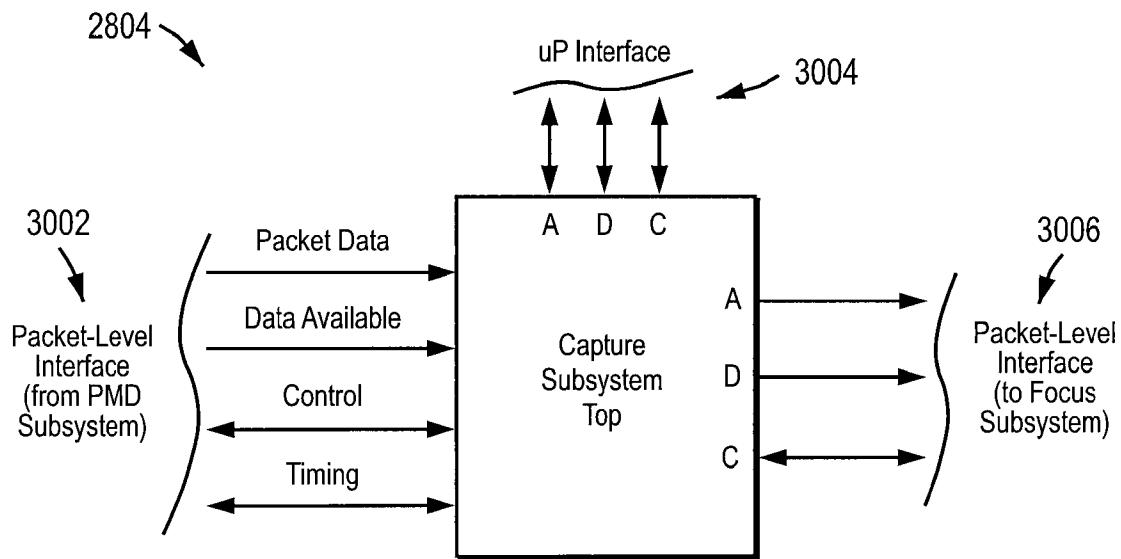


FIG. 30

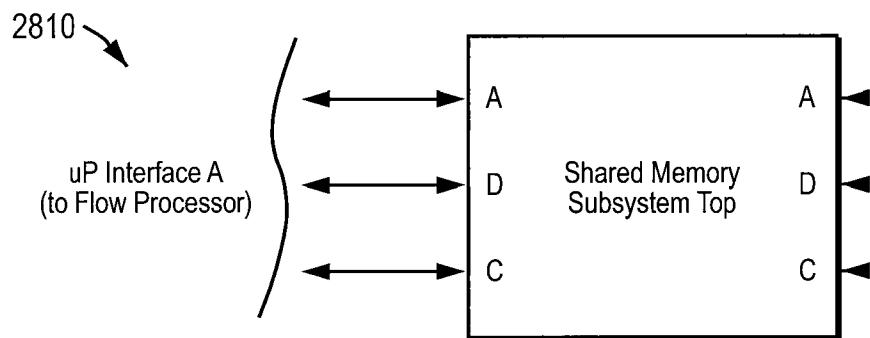


FIG. 31

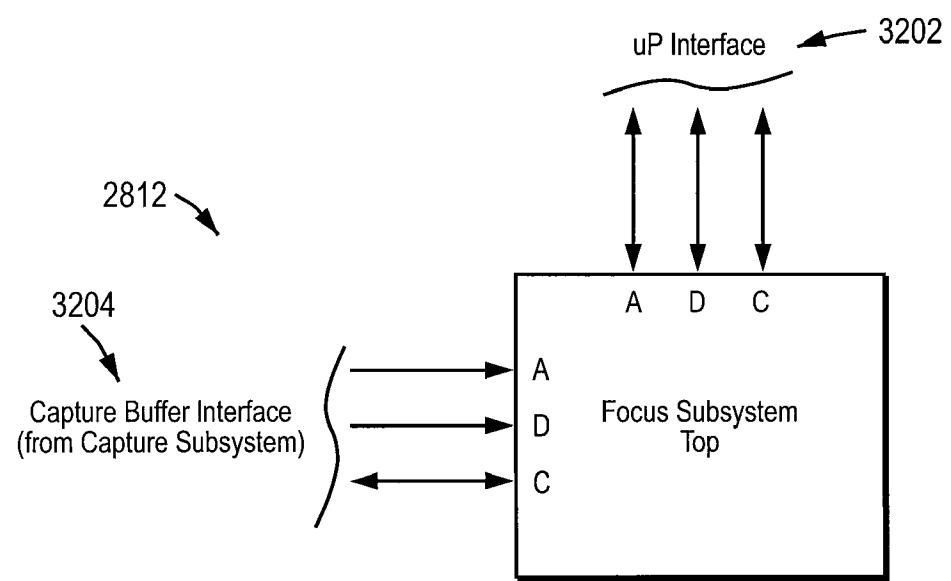


FIG. 32

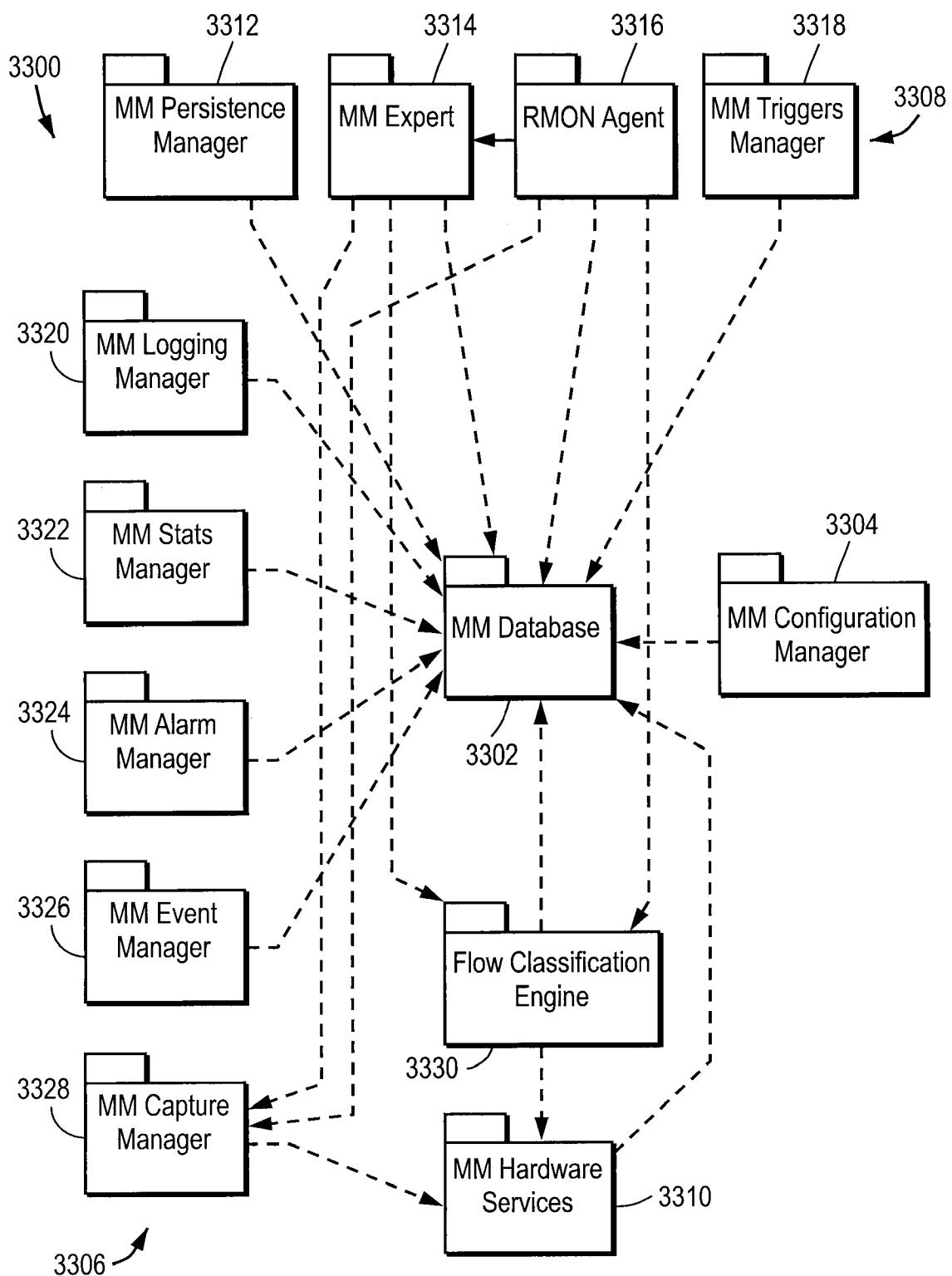


FIG. 33

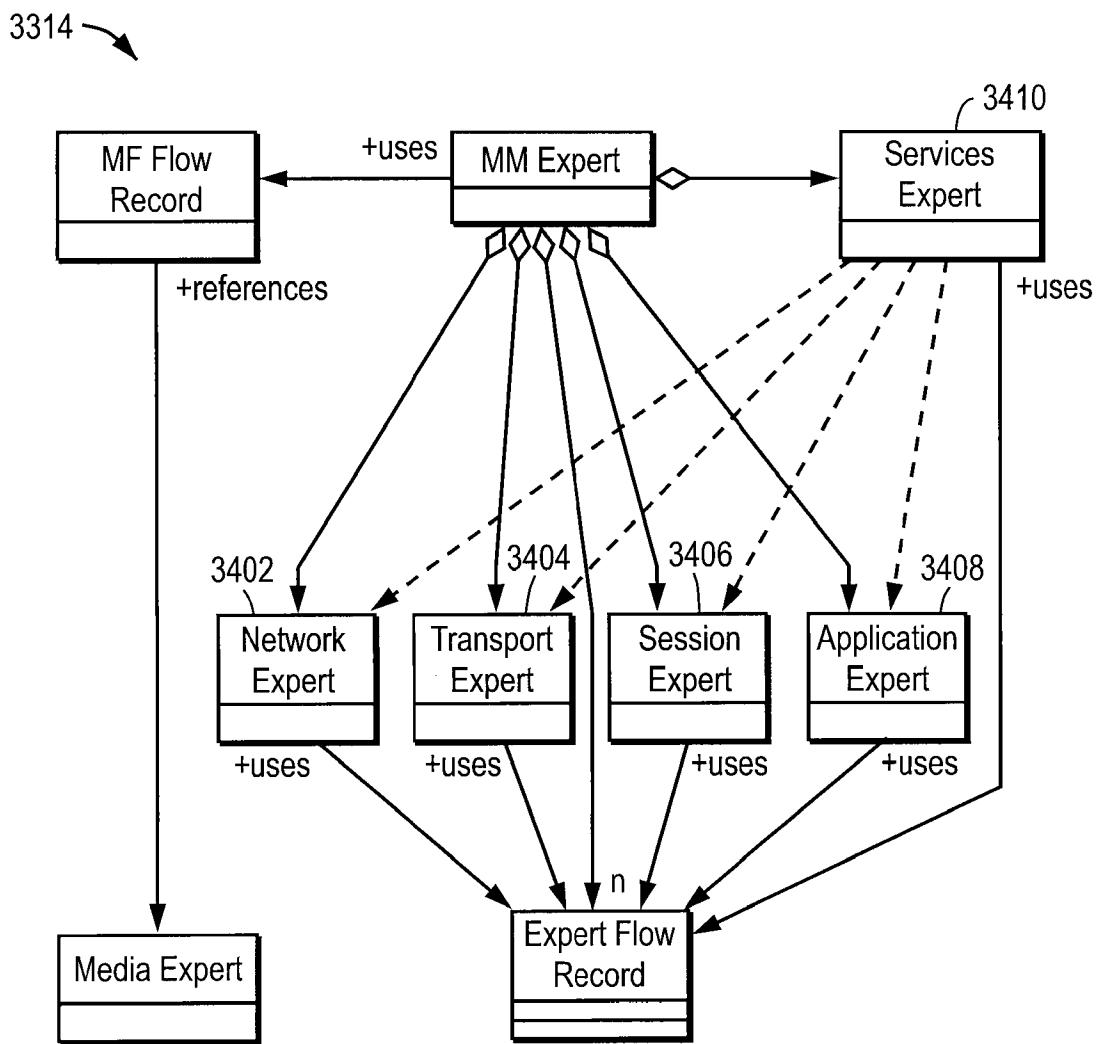


FIG. 34

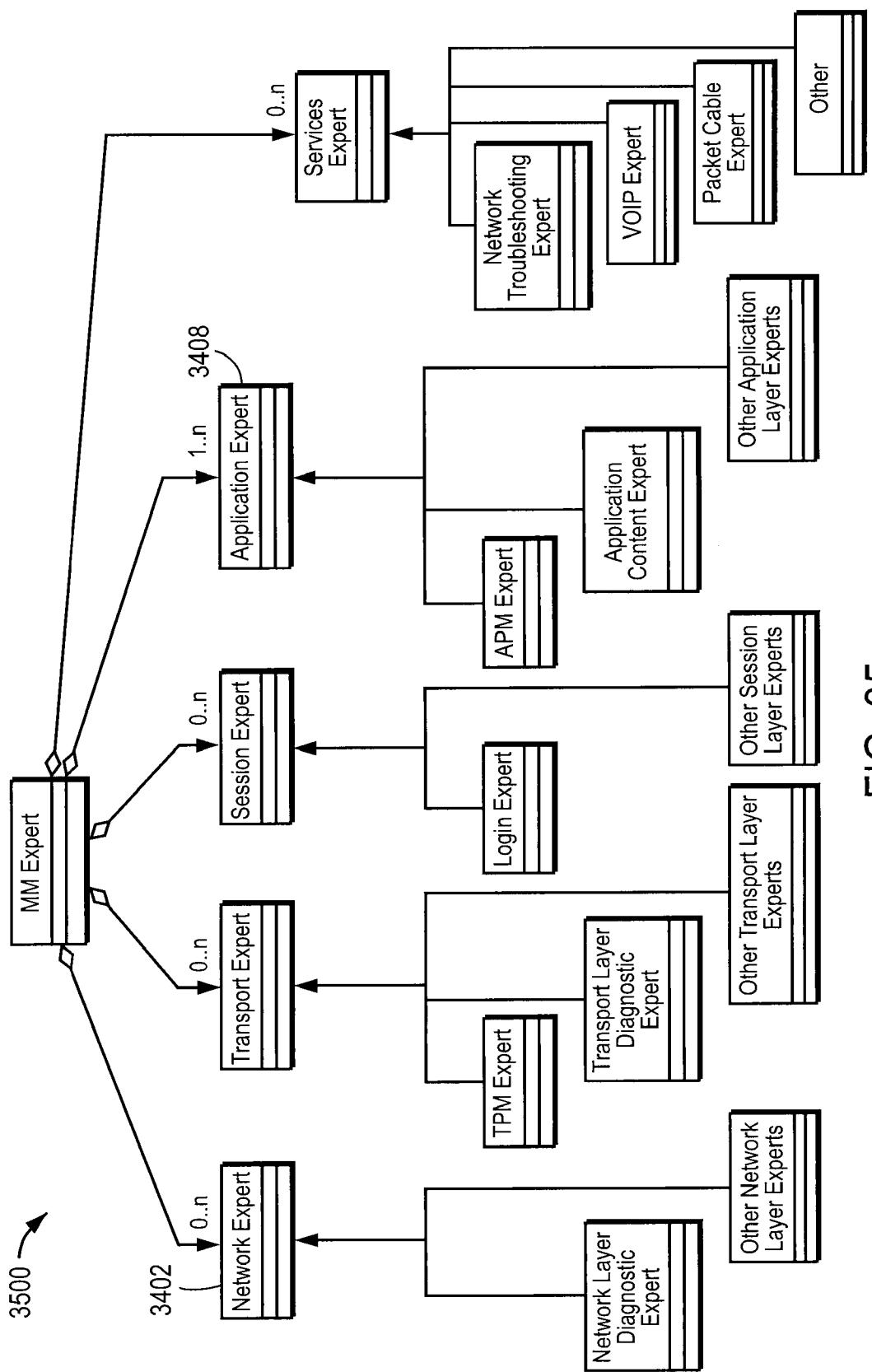


FIG. 35

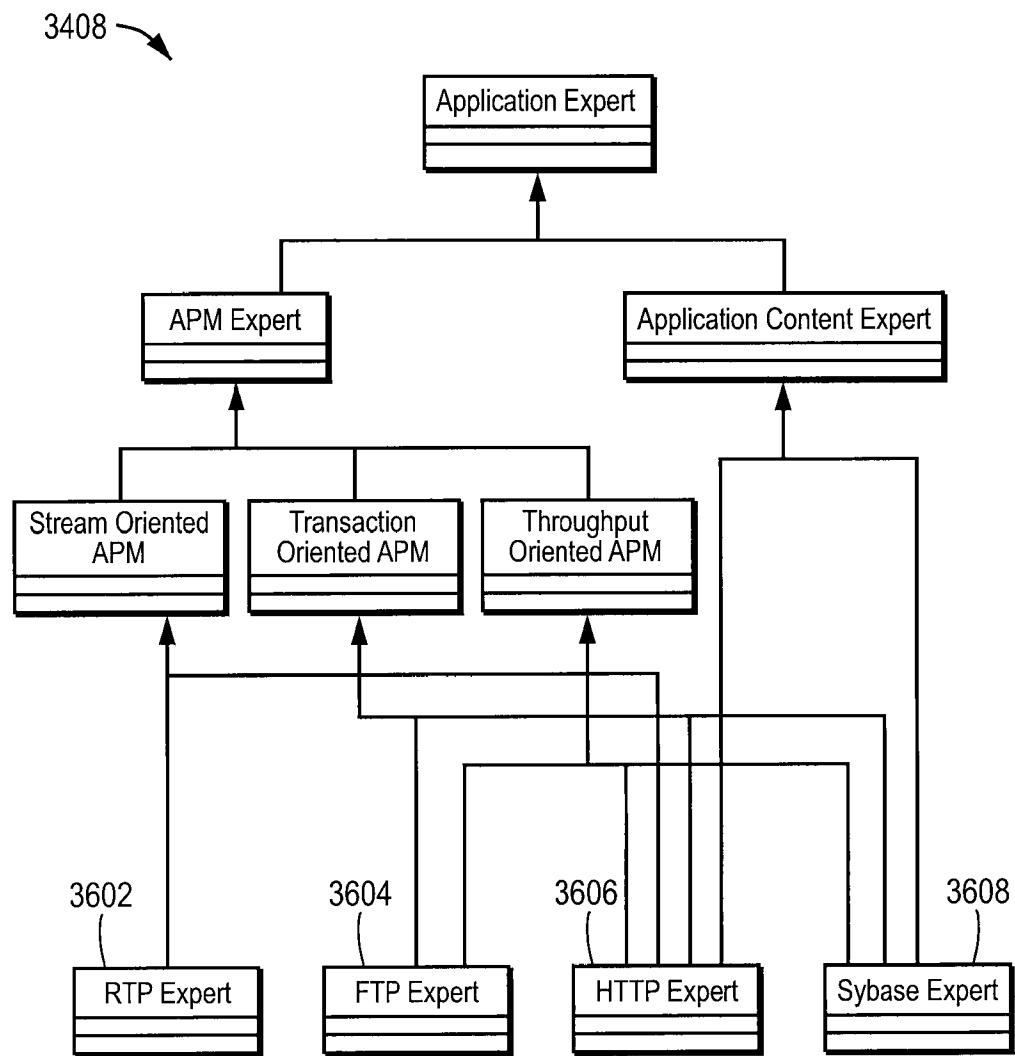


FIG. 36

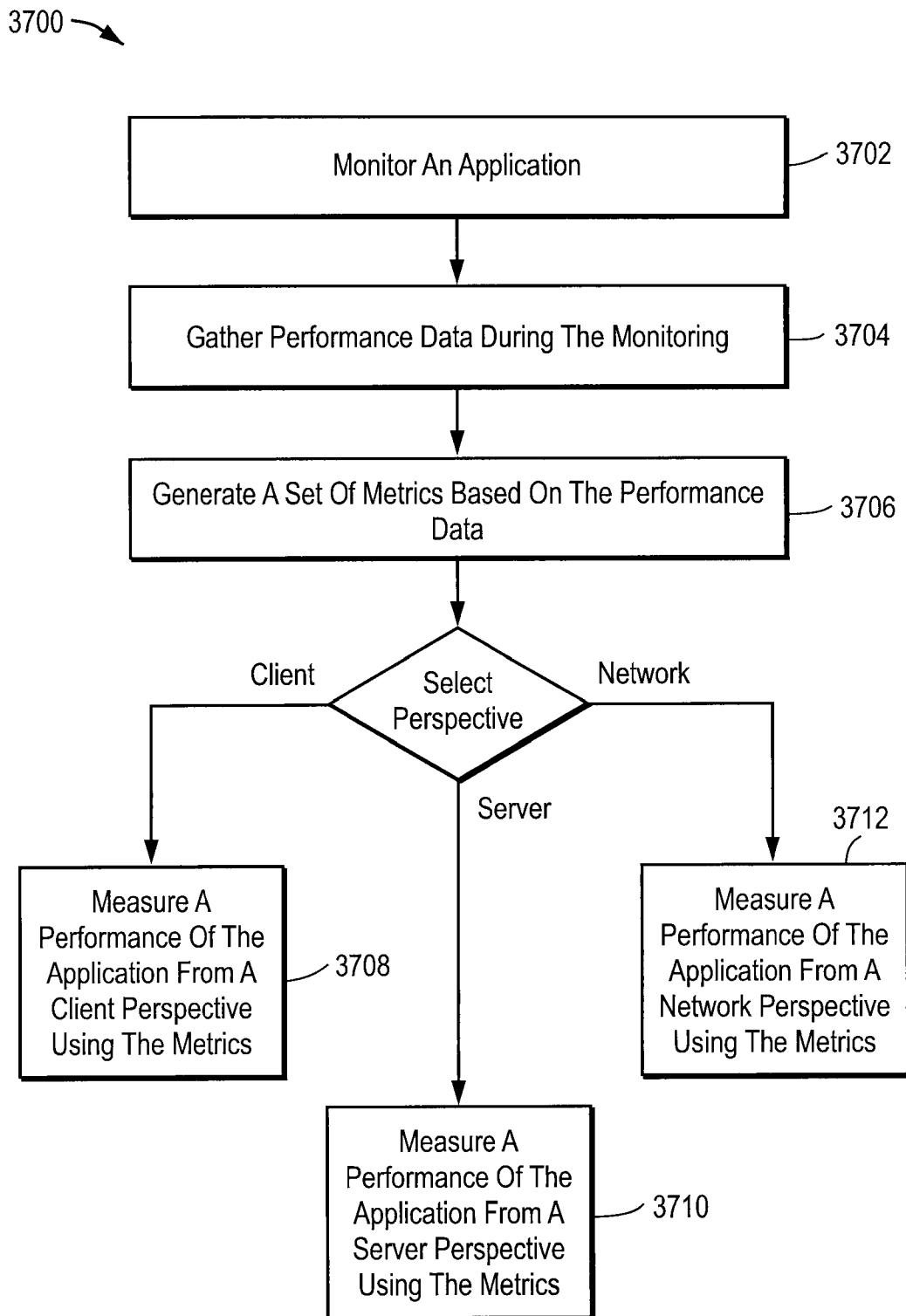


FIG. 37

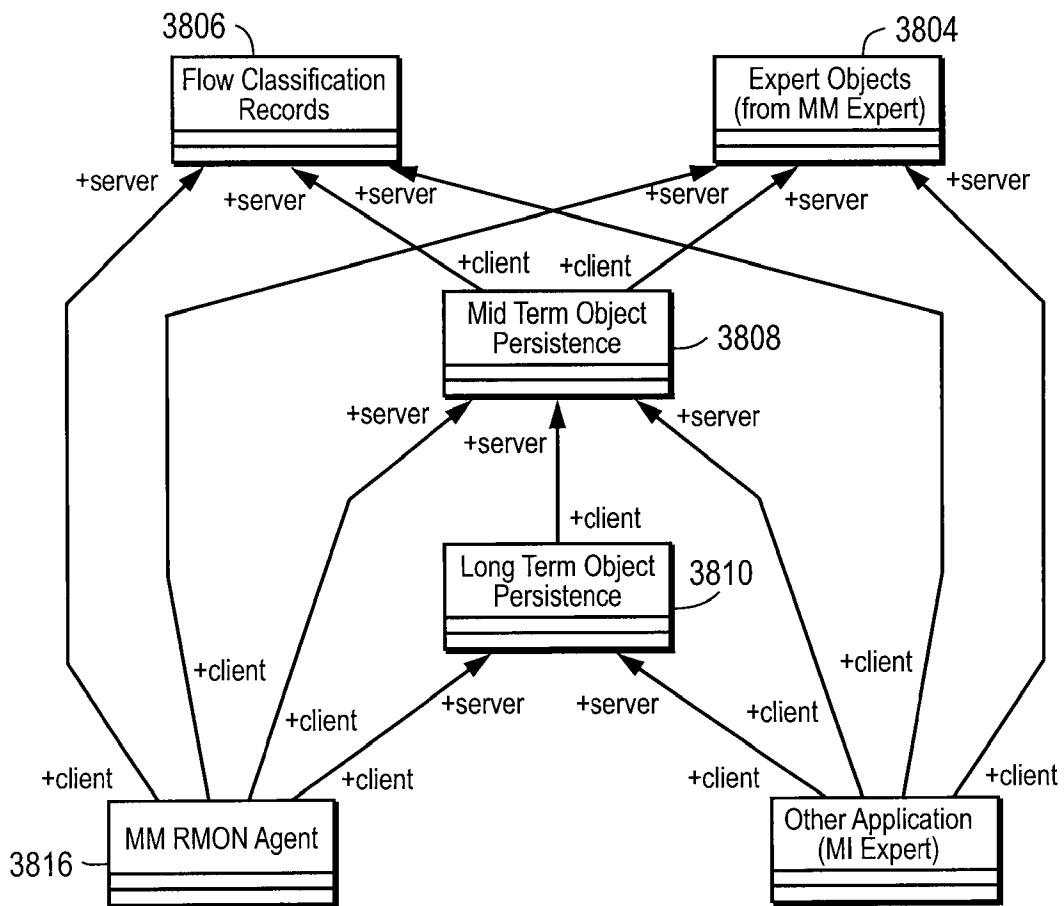


FIG. 38

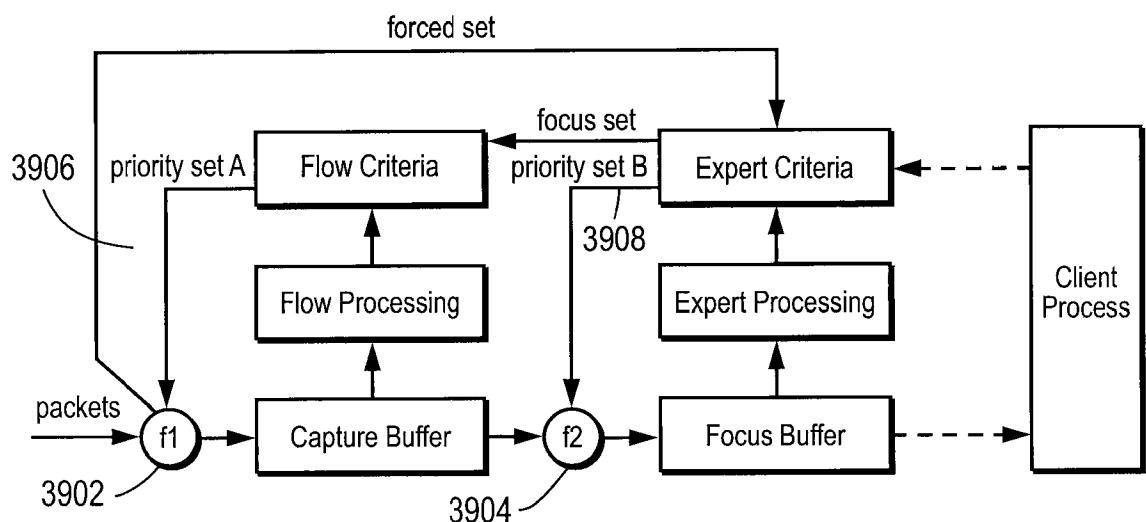


FIG. 39

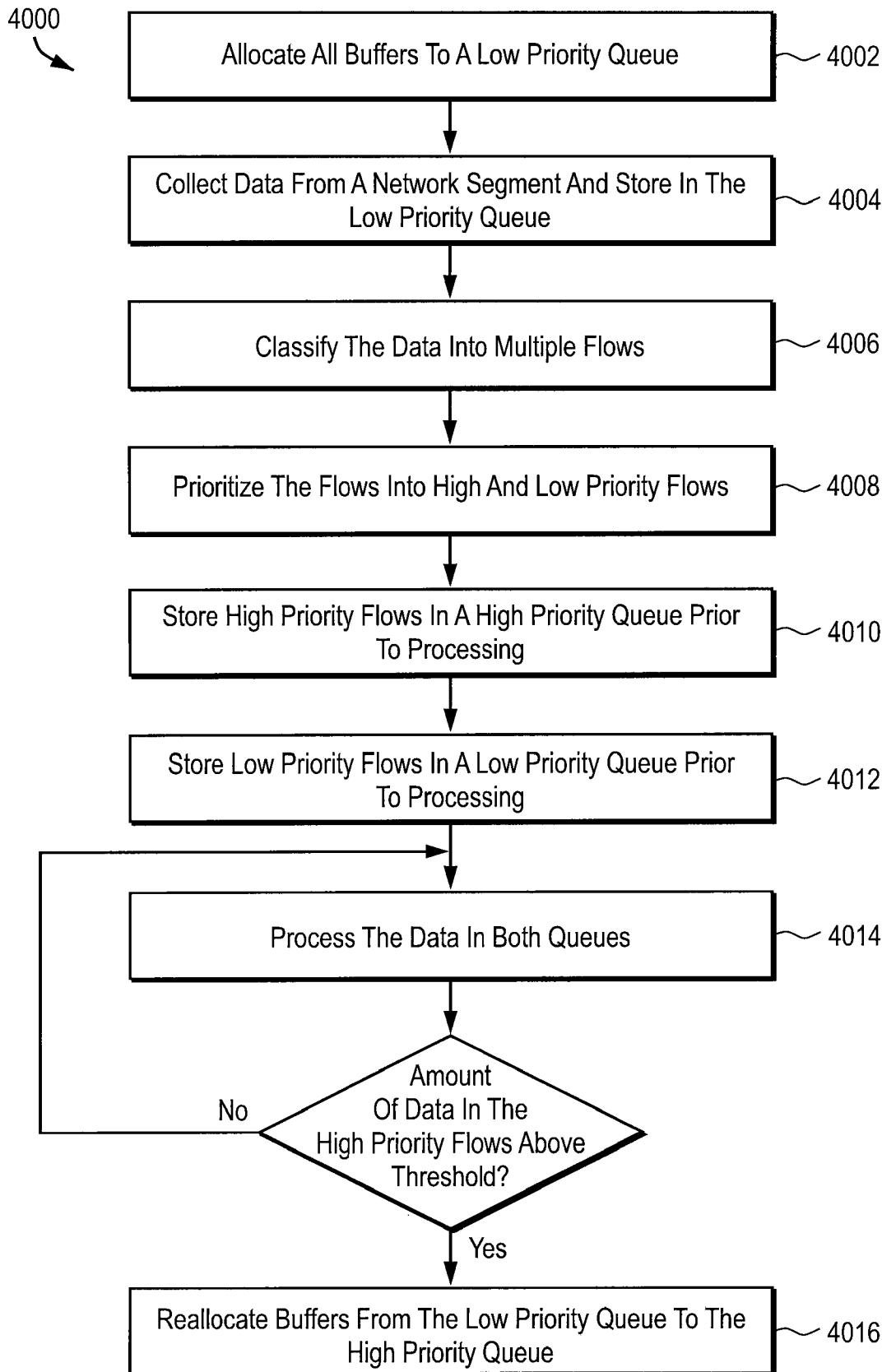


FIG. 40

LEGEND

- | | |
|---|---|
| 1) Packet transferred to capture control | 11) Expert retrieves flow record |
| 2) Address compared in CAM | 12) Expert retrieves packet from focus buf |
| 3) If entry match: priority queue, else: normal | 13) Expert builds/updates object(s) |
| queue | 14) Expert sets include flaf in flow record
(if interesting) |
| 4) Notify flow process of entry | 15) Object is persisted, packet is prepended
and persis |
| 5) Flow proc retrieves pkt & classifies | 16) Event/object descriptor built for app svr
(optional) |
| 6) Flow record updated in shared mem, expert | 17) Descriptor retrieved by app svr (optional) |
| include flag checked | 18) Objects or packet are retrieved by app svr
(optional) |
| 7) If headroom, add addr to priority CAM | |
| 8) If expert include flag set in flow record, | |
| initiate DMA to focus buffer | |
| 9) Write parse descriptor to shared mem | |
| 10) Expert retrieves parse descriptor | |

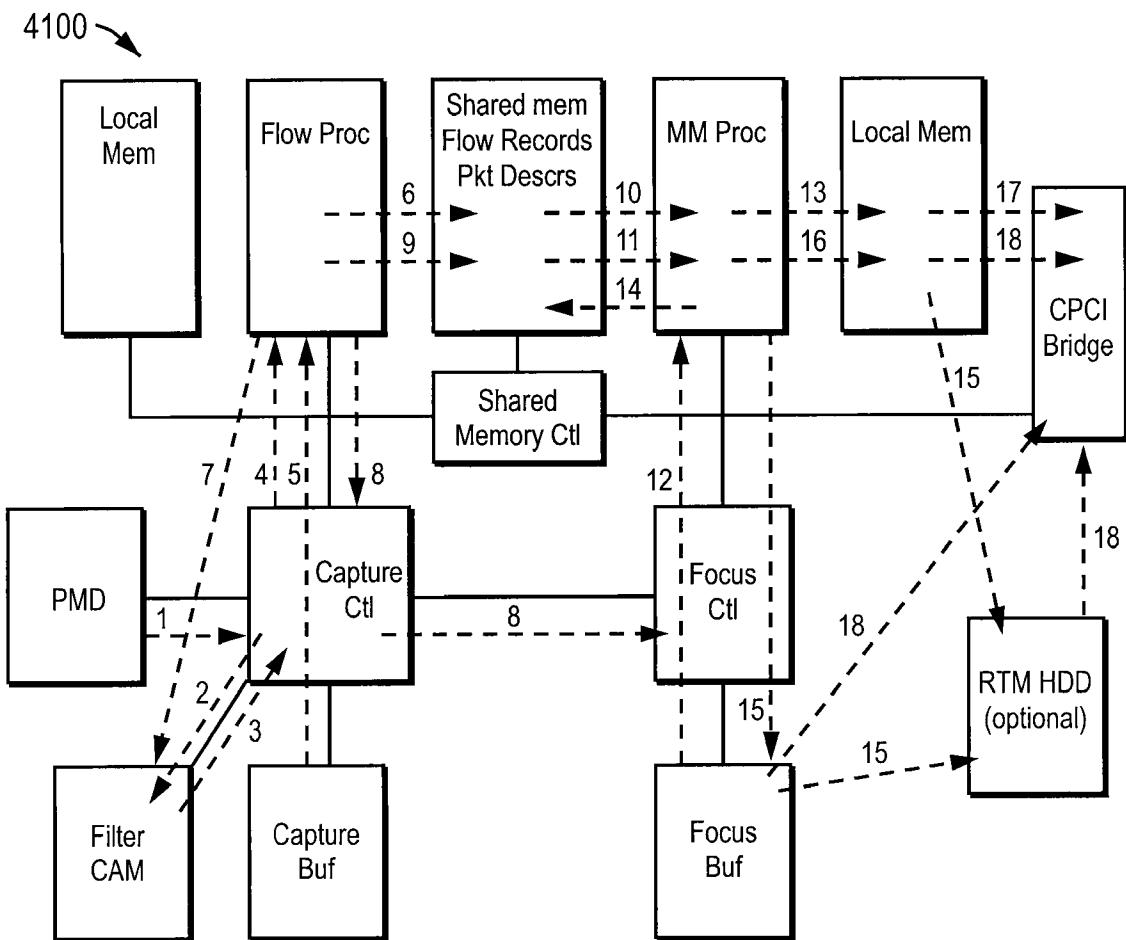


FIG. 41

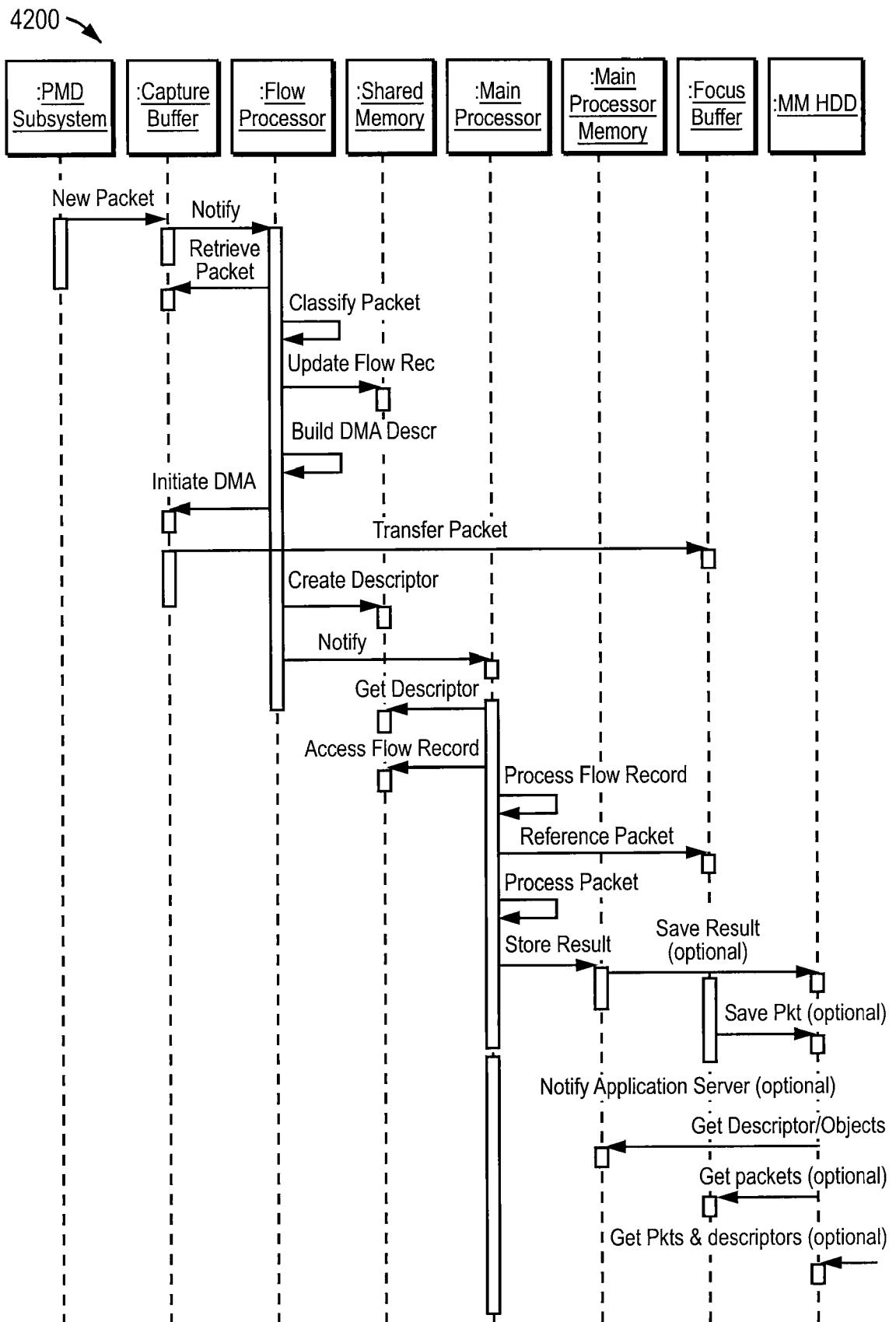


FIG. 42